

ATTACHMENT A

Boring Logs

BORING LOG

BORING: B-D41-S-04

DATE(S) DRILLED: 3/16/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 14:05

END TIME: 14:45

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.25"/2.5"

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16 Feet

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0-3			Asphalt	
					3-6			Base of gravel, silty sand	4K
					6-10			Silty Sand, med to clayey brown NO, SH, NA, MD	C
14:15		S-04-3			3-4			OSD Sand, v. fine to med. coarse YB, L to HP, SH, NO, MD	
					5-8				4B
14:25		S-04-8			8-10			OSD Sand, SAA, coarse	

BORING LOG

BORING: D-D41-S04

LOGGED BY: G. Baader

PAGE 2 OF 2

PROJECT NO: 9836002041

PROJECT ADDRESS 2627 N Hollywood Way, Burbank, CA 91505

PROJECT NAME: Burbank Airport

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				43
				14				
14:35		S-04-15		15		04SP	Sand, SAA, v. coarse gravel	
				16				
				17				
				18				
				19				
				20				

EOB 16'
 NO GW
 NO HA
 NO PROBES
 ON SPOT

BORING LOG

BORING: **B041-S-06**

DATE(S) DRILLED: **3/16/17**

PAGE **1** OF **2**

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: **12:15**

END TIME: **12:40**

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2.25"/2.5"**

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **16 Feet**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			0.3 Asphalt	4K
					1			3.6 Best 4/ gravel and sh, med to dark brown	C
					2				
12:20		S06-3			3			0.4 SP Sand, Y-B, fine to med, L to H, sh, no, ND	
					4				
					5				
					6				
					7				
12:25		S06-8			8			0.1 SP Sand, SPA, fine to coarse coarse base cobbles	
					9				
					10				

BORING LOG

BORING: **BD41-S06**

LOGGED BY: **G. Baader**

PAGE 2 OF 2

PROJECT NO.: **9836002041**

PROJECT ADDRESS **2627 N Hollywood Way, Burbank, CA 91505**

PROJECT NAME: **Burbank Airport**

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				173
				14				
12:30		S-06-15'		15			0.25 SP Sand, SAA coarser than 8' base cobbles	
				16			END 16'	
				17			NO HA NO GW NO PROBES ON SPOT S OF EASEMENT	
				18				
				19				
				20				

BORING LOG

BORING: **B-DU1-SSG-02**

DATE(S) DRILLED: **3/16/17**

PAGE **1** OF **2**

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: **7:00**

END TIME: **7:50**

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2.25"/2.5"**

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **16 Feet**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			0-2 5/8 Asphalt 3-5/8 Base, gravel w/ SF had to drill down	HTB A paddy
					1				
					2				HTB
7:20		SG-02-35			3	0	SP	Sand, Y-B, v. fine to med, trace gravel, L to HD, SF, NO, MD	DB
					4				
					5				SB
					6				
					7				
7:25		SG-02-85			8	0.1	SP	Sand SFA coarse	HTB
					9				
					10				

BORING LOG

BORING: *B-D41-SSG-02*

LOGGED BY: *G. Baader*

PAGE 2 OF 2

PROJECT NO.: *9836002041*

PROJECT ADDRESS *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				<i>HB</i>
				13				
				14				<i>DB</i>
<i>7:30</i>		<i>SG-02-155</i>	<i>SS</i>	15		<i>0.150</i>	<i>Sand, SAA coarse</i>	<i>S</i> <i>#3</i>
				16				<i>SSSS</i>
				17			<i>EOB 16'</i> <i>NO HA</i> <i>NO GL</i> <i>ASPHALT</i>	
				18			<i>PROBES AT 5' + 15'</i>	
				19				
				20				



BORING LOG

BORING *B-DU1-S-SG-07*

Engineering, Fire & Environmental Services

DATE(S) DRILLED: *3/16/17*

PAGE 1 OF 2

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: *12:44*

END TIME: *13:35*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2.25"/2.5"**

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **16 Feet**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			<i>0-3 Asphalt</i>	<i>AD</i>
					1			<i>3-6 base, gravel, sh med to dark brown, h.d, sh, no, nd</i>	<i>AD</i>
<i>12:50</i>		<i>SG-07-35</i>			3		<i>0.1 SP</i>	<i>Sand, Y-B, fine to very coarse, L to h.d, sh, no, nd</i>	<i>SB</i>
					4				<i>SB</i>
					5				<i>S</i>
					6				
					7				<i>SB</i>
<i>12:55</i>		<i>SG-07-85</i>			8		<i>0.1 SP</i>	<i>Sand, SFA, coarse</i>	
					9				
					10				

AD

BORING LOG

BORING: B-D41-S-SG-07

LOGGED BY: G. Baader

PAGE 2 OF 2

PROJECT NO: 9836002041

PROJECT ADDRESS 2627 N Hollywood Way, Burbank, CA 91505

PROJECT NAME: Burbank Airport

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11			SH Silty Sand, med brown FDS	
				12				#3
				13				
				14				DB
				15			0.850 Sand, SAA, (est coarse)	#3
13:05		SG-07 155		16				SSSI
				17			END 16'	
				18			NO GW	
				19			NO HA	
				20			ASPHALT	
							PROBE 5'HS'	

BORING LOG

BORING: B-D4HS-SG-08

DATE(S) DRILLED: 3/16/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 14:48

END TIME: 15:30

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.25"/2.5"

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16 Feet

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			0-3 Asphalt	AB A patch
					1			3-6 Bed, gravel u/s	
					2			Silty sand, SH, NO, MO, d. 1/8" to 1/4"	
					3				AB
15:00	SG-08	3S			3	0	SP	Sand, Y-B, v. fine to coarse, C to H, SH, NO, MO	DB
					4				#3
					5				S
					6				
					7				AB
15:10	SG-08	8S			8	0	SP	Sand SHH	
					9				
					10				

BORING LOG

BORING: **B-D41-S-SG-08**

LOGGED BY: **G. Baader**


PAGE 2 OF 2

PROJECT NO.: **9836002041**

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

PROJECT NAME: **Burbank Airport**

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				
				14				
15:20		S6-08-155		15			0.150 Sand, SAA coarser	DB +3 S 
				16				SSSS
				17			EOB 16' NO GU NO H 17 ASPHALT PROBES 5+15'	
				18				
				19				
				20				



Engineering, Fire & Environmental Services

BORING LOG

BORING: B-D41-SSG-10

DATE(S) DRILLED: 3/16/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 8:50

END TIME: 10:30 / 11:15 - 11:30

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

redrilled w/ 2.25" 2.5"

BOREHOLE DIAMETER: 2.25" / 2.5"

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16 Feet

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
			✓		0			0-3 Asphalt	
			✓		3			3-6 Base w/ gravel, sh and to dark brown, fiD, sh, no, no	
			✓		1				
			✓		2			sh silty sand, med brown, v. fine to coarse, fiD, sh, no, no	
			✓		2				
9:10		SG-10-35	✓		3		0.4 SP SH	sand w/ silt, very fine to coarse, Y-B, 2 to fiD, sh, no, no	
			✓		4				
			✓		5				
			✓		6				
			✓		7				
			✓		8		0.5 SP	Sand, SAA coarser	
9:22		SG-10-85	✓		8				
			✓		9				
			✓		10				

BORING LOG

BORING: B D11-S-SG-10

LOGGED BY: G. Baader

PAGE 2 OF 2

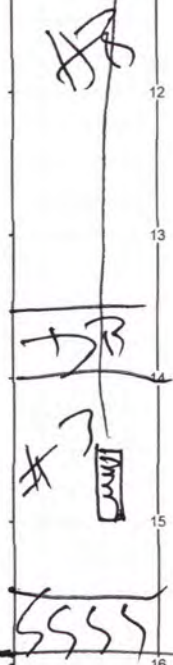
PROJECT NO.: 9836002041

PROJECT ADDRESS 2627 N Hollywood Way, Burbank, CA 91505

PROJECT NAME: Burbank Airport

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				
				14				
9:45		SG-10-155		15	0.1	SP	Sand, same as above coarse	
				16				
				17				
				18				
				19				
				20				



EOB 16'
NO GW
NO HA
ASPHALT
PROBS AT 5'+15'
Collapsed at 7'



Engineering, Fire & Environmental Services

BORING LOG

BORING: B-D41 S-SG-11

DATE(S) DRILLED:

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 10:31

END TIME: 11:15

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.25"/2.5"

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16 Feet

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			0.3 Asphalt	
					1			2.5 Base, gravel w/ SM and tan colored gravel	
					2			Silt, silty sand, med brown, v. fine to coarse, NO, SH, ND, NP	
10:35		SG-11-35			3		0.3 SS	Sand w/ silt, Y-B, v. fine to v. coarse, 2 to 70, NO, ND, SB	
					4				
					5				
					6				
					7				
10:47		SG-11-38			8		0.25 SS	Sand, same as above	
					9				
					10				

BORING LOG

BORING: *B-DU1 S-SG-11*

LOGGED BY: *G. Baader*

PAGE 2 OF 2

PROJECT NO.: *9836002041*

PROJECT ADDRESS *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				<i>HB</i>
				13				
				14				<i>DB</i>
<i>10:55</i>		<i>S-11-155</i>	<i>XXXX</i>	15			<i>0.50' Sand, SAA, worse</i>	<i>3 Sand</i>
				16				<i>SSSSS</i>
				17			<i>EOB 16'</i>	
				18			<i>NO QL</i>	
				19			<i>NO HA</i>	
				20			<i>AS PHACT</i>	
							<i>PROBE SET AT 5'15'</i>	

EFI Global

Engineering, Fire & Environmental Services

BORING LOG

BORING: B-D91-SG01

DATE(S) DRILLED: 3/16/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 13:20

END TIME: 14:10

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.25"/2.5"

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16 Feet

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0-3			Asphalt	
					3-6			Base, gravel, sh	
					1				
					2			Silty Sand med brown, FD, sh, no, md	
					3				
13:35		NO SAMPLES			4			Sand, y-b, v. fine to v. coarse, FD, sh, no, md	
					5				
					6				
					7				
					8			Sand same as above	
13:40		NO SAMPLES			9				
					10				

Asphalt

DB

DB

#3

4B

BORING LOG

BORING: **B-D41-SG-01**

LOGGED BY: **G. Baader**

PAGE 2 OF 2

PROJECT NO.: **9836002041**

PROJECT ADDRESS **2627 N Hollywood Way, Burbank, CA 91505**

PROJECT NAME: **Burbank Airport**

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11				
					12				AB
					13				
					14			Sf Sand, SAA Coarse	AB
14:00					15				AB
					16				SSSS
					17			EOB 16' NO GU NO HA NO SOIL SAMPLES PROBE AT 5'15' ON SPOT	
					18				
					19				
					20				

BORING LOG

BORING: B-D41-S-03

DATE(S) DRILLED: 3/17/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 13:23

END TIME: 13:58

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.25"/2.5"

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16 Feet

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0-3			Asphalt	
					3-5			Base w/ gravel, sh	
					1		sh	Silty sand, mod brown, v. fine to fine, HD, sh, NO, MD	4K PSI concrete
					2				
13:30		S-03-3			3		0-1		
					4		SP	Sand, Y-B, v. fine to v. coarse, L to H, sh, NO, MD	
					5				63
					6				
					7				
13:35		S-03-8			8		0		
					9		SH	Silty Sand, mod. brown v. fine to fine, sh, NO, MD	
					10		SP	Sand, SPA	

BORING LOG

BORING: **B-D41-S-03**

LOGGED BY: **G. Baader**

PAGE 2 OF 2

PROJECT NO.: **9836002041**

PROJECT ADDRESS **2627 N Hollywood Way, Burbank, CA 91505**

PROJECT NAME: **Burbank Airport**

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11				
					12				
					13				HS
					14				
13:50		S-03-15			15			0 SP Sand SFA coarse	
					16			EOB 16'	
					17			NO HA	
					18			NO GW	
					19			NO PROBES	
					20			ASPHALT	
								ON SPOT	
								CLEARCED 5/13/17	
								OUTSIDE 133	

BORING LOG

BORING: B-D41-S6-02

DATE(S) DRILLED: 3/17/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 9:35

END TIME: 10:25

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.25"/2.5"

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16 Feet

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0-3			Base	99
					3-6			Asphalt	99
					1		Sh	Silty sand, MD, med-fine to med. Sh, NO, ND	
					2		Sp	Sand, Y-B, fine to v. coarse, L to MD, Sh, NO, ND	
					3				
					4				
					5				
					6				
					7				
					8				
					9				
					10				

NO SOIL SAMPLES ON

NO SOIL SAMPLES ON

0-3 Base
3-6 Asphalt

Sh Silty sand, MD, med-fine to med. Sh, NO, ND

Sp Sand, Y-B, fine to v. coarse, L to MD, Sh, NO, ND

increasing grain size w/depth

99
HT
DB
#3
HT

A-1
path

BORING LOG

BORING: **B-D41-SG-02**

LOGGED BY: **G. Baader**

PAGE 2 OF 2

PROJECT NO.: **9836002041**

PROJECT ADDRESS **2627 N Hollywood Way, Burbank, CA 91505**

PROJECT NAME: **Burbank Airport**

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
		NO SOIL SAMPLES		10			SP Sand SAA ↓	
				11				#3
				12				
				13				
				14				DB
				15				#3 S
				16				SSS
				17				E0B16' NO GU NO HA ASPHALT PROBES 5'+15' ON SPOT CLEARED 3/13/17 NO SOIL SAMPLES
				18				
				19				
			20					



Engineering, Fire & Environmental Services

BORING LOG

BORING: *B-D41-S-SG-01*

DATE(S) DRILLED: *3/17/17*

PAGE 1 OF 2

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: *12:45*

END TIME: *1:20*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2.25"/2.5"**

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **16 Feet**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0-3			Base	
					3-6			Asphalt	
					1			St silty sand, med brown.	
					2				
					3				
<i>12:55</i>		<i>SG-01-35</i>			3			0.150 Sand, med to YB, v. fine to coarse (L to H), SH, W, ND	
					4				
					5				
					6				
					7				
					8				
<i>13:00</i>		<i>SG-01-85</i>			8			0.150 Sand, YB, same as above, coarse med gravel	
					9				
					10				

BORING LOG

BORING: **B-D41-SSG-01**

LOGGED BY: **G. Baader**

PAGE 2 OF 2

PROJECT NO: **9836002041**

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

PROJECT NAME: **Burbank Airport**

NOTES:

TIME	BC	SAMPLE ID	R/SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				HS
				13				
				14				DB
				15				#3 S
13:10		SG-a-155		15			0.5 SP Sand, SAA, coarse trace gravel, cobbles	SSS
				16			EOB 16'	
				17			NO GU NO HA ASPHALT	
				18			PROBE AT 5' + 15'	
				19			ON SPOT	
				20				

EFI Global 

Engineering Fire & Environmental Services

BORING LOG

BORING: **B-D415-SG-03**

DATE(S) DRILLED: **3/17/12**

PAGE **1** OF **2**

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: **12:05** END TIME: **13:00**

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2.25"/2.5"**

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **16 Feet**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				0			0-3 Asphalt	
				1		St	3-6 Base, gravel, sb dark brown med brown	Hand-drawn completion line
12:15		SG03-35		3		0-1 St	Silty sand, med brown, MD, Sh, NO, ND, v. fine to fine	Hand-drawn completion line
				4				Hand-drawn completion line
				5				Hand-drawn completion line
				6				Hand-drawn completion line
				7				Hand-drawn completion line
12:20		SG03-85		8		0 Sp	Sand, Y-B, fine to v. coarse, Lt MD, Sh, NO, ND	Hand-drawn completion line
				9				Hand-drawn completion line
				10				Hand-drawn completion line

BORING LOG

BORING: **B-DU1-SSG 03**

LOGGED BY: **G. Baader**


PAGE 2 OF 2

PROJECT NO: **9836002041**

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

PROJECT NAME: **Burbank Airport**

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				HTB
				13				
				14				DB
				15				st S
12:35		SG-03-155		15		0.1 SP Sand, SAA		S
				16				SSSS
				17			<p>16' 16'</p> <p>NO GU</p> <p>NO HA</p> <p>ASPHALT</p> <p>PROBES AT 5' + 15'</p> <p>ON SPOT</p>	
				18				
				19				
				20				



Engineering, Fire & Environmental Services

BORING LOG

BORING: B-D01-SSG-04

DATE(S) DRILLED: 3/17/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 10:15

END TIME: 11:20

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.25"/2.5"

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16 Feet

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			0-9 Asphalt 3-6 Base w/ gravel, 5ft	0-9 Path
					1				
					2				AB
10:25		SG-04-3S			3	0	SP	Sand, Y-B, v. fine to med coarse, trace gravel	DB
					4				#3
					5				Sed
					6				
					7				AB
10:30		SG-04-8S			8	0	SP	Sand, SAA, trace cobbles	
					9				
					10				

BORING LOG

BORING: B-D41-SSG-04

LOGGED BY: G. Baader

PAGE 2 OF 2

PROJECT NO: 9836002041

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

PROJECT NAME: Burbank Airport

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				H3
				13				
				14				DB
				15				H3
10:50		SG-04 155		15			SP Sand, SAA	Sand
				16				SSSS
				17			EOB 16' NO GO NO HA ASPHALT PROBE 5'+15' ON SPOT	
				18				
				19				
				20				



Engineering, Fire & Environmental Services

BORING LOG

BORING: B041-S-01

DATE(S) DRILLED: 3/20/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 14:00

END TIME: 14:35

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.25"/2.5"

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16 Feet

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0-3			Asphalt	4K
					3-6			Base, gravel, SB	PSI
					1				Concrete
					2				
14:15		S-01-3			3	0.180		Sand, Y-B, fine to v. coarse, Lt PD, Sh, NO, ND	
					4				
					5				HS
					6				
					7				
14:20		S-01-5			8	0		Sand, SAA	
					9				
					10				

BORING LOG

BORING: *B-DUI-S-01*

LOGGED BY: *G. Baader*

PAGE 2 OF 2

PROJECT NO.: *9836002041*

PROJECT ADDRESS *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				
				14				
<i>11:30</i>		<i>Sa-15</i>	<i>15</i>	15		<i>0.1 SP Suedt SAA, less coarse</i>		<i>HS</i>
				16				
				17			<i>END 16'</i>	
				18			<i>NO GW</i>	
				19			<i>NO HA</i>	
				20			<i>NO PROBES</i>	
							<i>ASPHALT</i>	
							<i>ON SPOT</i>	

BORING LOG

BORING: B-DU1-S-02

DATE(S) DRILLED: 3/20/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 10:45

END TIME: 11:15

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.25"/2.5"

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16 Feet

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			0-3 Asphalt	4k PSF C.
					1			3-6 Base, Gravel, SH	
					2				
10:55		S02-3			3	0.15 SH		Silty Sand, med brown v. fine to med, trace gravel, L to MD, SH, ND, ND	H3
					4				
					5			SP Sand, same as 8'	
					6				
					7			SH Silty Sand SAA	H3
					8				
11:00		S02-8			8	0.0		Sand, YB, fine to v. coarse, trace gravel, L to MD, SH, ND, ND	
					9				
					10				

BORING LOG

BORING: *B-041-S-02*

LOGGED BY: *G. Baader*

PAGE 2 OF 2

PROJECT NO.: *9836002041*

PROJECT ADDRESS: *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				<i>7</i>
				12				
				13				
				14				<i>AB</i>
<i>11:10</i>		<i>S-02-15</i>	<i>KA</i>	15	<i>0.1 SP</i>		<i>Sand, SAA</i>	
				16				
				17				
				18				
				19				
				20				

*EOB 16'
NO GU
NO HA
NO PROBES
ASP HALT
ON ORIGINAL
SPOT*

BORING LOG

BORING: *B-D41-S-05*

DATE(S) DRILLED: *3/20/17*

PAGE 1 OF 2

PROJECT NAME: **Burbank Airport**

LOGGED BY: *G. Baader*

START TIME: *10:03*

END TIME: *10:34*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2.25"/2.5"**

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **16 Feet**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			0-3 Asphalt	4K PSI Concrt
					3			3-6 Base, gravel, str	
					10				
					1				
					2				
					3			0 SP Sand, Y-B, v. fine to v. coarse (overall fine)	
					4			L to H, sh, NO, M	
					5				
					6				
					7				
					8			U SP Sand, SAA, trace gravel	
					9				
					10				

BORING LOG

BORING: **B-D41-S-05**

LOGGED BY: **G. Baader**

PAGE 2 OF 2

PROJECT NO.: **9836002041**

PROJECT ADDRESS **2627 N Hollywood Way, Burbank, CA 91505**

PROJECT NAME: **Burbank Airport**

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				243
				14				
10:30		S-05-15		15			0 SP Sand, SAA, trace gravel	
				16				
				17			EOB 16'	
				18			NO CU	
				19			NO HA	
				20			NO PROBES	
							ASPHALT	
							ON SPOT	

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Environmental Services

BORING LOG

BORING: B-DU15-07

DATE(S) DRILLED: 3/20/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 9:35 | END TIME: 10:00

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.25/2.5

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16'

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			0-3 Asphalt	4 L C
					3-6			Base, gravel, sh	
					1				
					2				
					3			0 SP Sand, fine to coarse, YB, L&HD, sh, NO, NO	
					4				
					5				
					6				
					7				
					8			0 SP Sand SAA, trace gravel	
					9				
					10				

9:40

S07
3

9:45 S07
8

173

BORING LOG

BORING: **3-DU1 S-07**

LOGGED BY: **G. Baader**

PAGE **2** OF **2**

PROJECT NO.: **9836002041**

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

PROJECT NAME: **Burbank Airport**

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11				
					12				
					13				HB
					14				
9:55		S-07-15			15	0.158		Sand, trace gravel, cobble	
					16			EOB 16'	
					17			NO GU	
					18			NO HA	
					19			NO PROBES	
					20			ASPHALT	

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Engineering, Fire & Environmental Services

BORING LOG

BORING: B-041-S-08

DATE(S) DRILLED: 3/20/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 12:55

END TIME: 13:29

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.25"/2.5"

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16 Feet

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				0			0-3 Asphalt	4k
				3			3-6 Base, gravel, sh, MD	PSI
				3			Sand, fine to v. coarse, Y-B, LG to SH, NO, ND	Coresht
13:00		S-08-3		3		0 SP		
				5			Sand, SAA	H3
				8				
13:05		S-08-8		8		0 SP		
				9				
				10				



BORING LOG

BORING: B-0415-09

Engineering Fire & Environmental Services

DATE(S) DRILLED: 3/20/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 9:09

END TIME: 9:30

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.25/2.5

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16'

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				0			0-3 Asphalt	4K
				3-5			Base, gravel, sh	0.51 60% ch h
9:18		S-09-3		3		0 SH	Silty Sand, med brown, v. fine to fine trace gravel, MO, SH, NO, ND	
				4				
				5				123
				6				
				7				
9:21		S-09-8		8		0 SP	Sand, Y-B, fine to v. coarse, L to MO, SH, NO, ND, trace gravel	
				9				
				10				

BORING LOG

BORING: **B-DUI-5-09**

LOGGED BY: **G. Baader**

PAGE **2** OF **2**

PROJECT NO.: **9836002041**

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

PROJECT NAME: **Burbank Airport**

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11				
					12				
					13				
					14				
9:25		S09-15			15			0.150' Sand, SAA	
					16				
					17			EOB 16'	
					18			NO CU	
					19			NO HA	
					20			NO PROBES	
								ASPHALT	

05

EFI Global Engineering, Fire & Environmental Services		BORING LOG		BORING: <u>B-D41S-SG-05</u>	
PROJECT NAME: Burbank Airport		DATE(S) DRILLED: <u>3/20/17</u>	PAGE <u>1</u> OF <u>2</u>		
PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)		LOGGED BY: G. Baader	START TIME: <u>8:10</u>	END TIME: <u>8:50</u>	
PROJECT NO.: 9836002041		BOREHOLE DIAMETER: 2.25"/2.5"	DEPTH TO GROUNDWATER: NA	DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance	
TERMINAL DEPTH: 16 Feet		PID CAL GAS/DATE: 100 ppm Isobutylene		SAMPLING METHOD: Acetate sleeve	

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			0-3 ASPHALT 3-6 Base gravel, st	AS
					1				
					2				AS
8:15		SG-05-35			3		0	SP/st Sand w/ silt, med. brown, v. fine to med. coarse gravel, rd, st, no, no	AS
					4				AS
					5				AS
					6				
					7				AS
8:20		SG-05-85			8		0.1	SP Sand. Y-B, traces gravel, fine to v. coarse, Lp rd, st, no, no	AS
					9				
					10				

A - perched sand

Engineering Fire & Environmental Services

LOGGED BY: *G. Baader*

PAGE 2 OF 2

PROJECT NO.: *9836002041*

PROJECT ADDRESS *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				<i>AS</i>
				13				
				14				<i>AS</i>
<i>8:30</i>		<i>SG-05 155</i>	<i>AS</i>	15	<i>0.2</i>	<i>SP</i>	<i>Sand, same as above, less coarse</i>	<i>AS S</i>
				16			<i>END 16'</i>	<i>SSS</i>
				17			<i>NO GU NO HA ASPHALT PROBE AT S+15'</i>	
				18				
				19				
				20				

BORING LOG

BORING: **B-041-S-SG-06**

DATE(S) DRILLED: **3/20/17**

PAGE **1** OF **2**

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: **12:30**

END TIME: **12:50:30**

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2.25"/2.5"**

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **16 Feet**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			0-3 Asphalt	AB
					1			3-6 Base, gravel, sh	AB
					1.5			sh Silty sand, med brown, v. fine to med, h.D, sh, NO, ND	H3
					2				AB
12:38		56-06-35			3			0 SP Sand, v. fine to coarse, (overall finer) AB ^{oh} Lb & D, sh, NO, ND med brown	AB
					4				DB
					5				H3
					6				AB
					7				H3
12:42		56-06-85			8			0 SP Sand, w/ silt, fine than above, AB Lb & D, sh, NO, ND, med brown	H3
					9				H3
					10				H3

BORING LOG

BORING: **B-DUI-SSG-06**

LOGGED BY: **G. Baader**

PAGE 2 OF 2

PROJECT NO.: **9836002041**

PROJECT ADDRESS **2627 N Hollywood Way, Burbank, CA 91505**

PROJECT NAME: **Burbank Airport**

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11				
					12				
					13				
					14				
12:45		SG-06-155			15			0 SP sand, fine to v. coarse, trace gravel, Y-B, Lt AD, SB, NO, ND	DB #3 S
					16			EOB 16' N= 60 NO 4A ASPHALT ON SPOT PROBE AT 5' + 15'	SSS
					17				
					18				
					19				
					20				

BORING LOG

BORING: **B 041-556-09**

DATE(S) DRILLED: **3/20/17**

PAGE **1** OF **2**

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: **7:30**

END TIME:

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2.25"/2.5"**

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **16 Feet**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0-3			Asphalt	
					3-5			Best gravel SH	
					1				
					2				
7:35		SG-09 35			3		0 SP	Sand, Y-B, v. fine to coarse, trace gravel, Lt to Md, SH, ND, ND	DB
					4				
					5				
					6				
					7				
7:40		SG-09 85			8		0 SP	Sand, same as above	
					9				
					10				

BORING LOG

BORING: *B-D41-556-09*

LOGGED BY: *G. Baader*

PAGE 2 OF 2

PROJECT NO.: *9836002041*

PROJECT ADDRESS: *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				<i>HB</i>
				13				
				14				<i>DB</i>
				15				<i>#3</i>
<i>7:46</i>		<i>SG-09 155</i>		15	<i>0</i>	<i>SP</i>	<i>Sand, same as above</i>	<i>S</i>
				16				<i>sloughed</i>
				17			<i>EOB 16'</i>	
				18			<i>NO GW</i>	
				19			<i>NO HA</i>	
				20			<i>ASPHALT</i>	
							<i>PROBES 5'+15'</i>	

BORING LOG

BORING: **B-DNR-S-01**

DATE(S) DRILLED: **3/14/17**

PAGE **1** OF **2**

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: **14:52** END TIME: **15:20**

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2.5 / 2.25**

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **16'**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0-3			Asphalt	Asphalt
					3-5			Base gravel	4K
					1		SH	Silty sand, med brown	PSI
					2				↑
15:05		S01-3			3		0.550	Sand w/ silt, base gravel, yellowish-brown, L to MD, SH, NO, MD	↑
					4				
					5				43
					6				
					7				
					8		0.250	Sand, yellowish-brown, base gravel, v. fine br. wash MD, SH, NO, MD	
15:10		S01-8			9				
					10				↓

Asphalt
gravel

BORING LOG

BORING: *B-D42-S-01*

LOGGED BY: *G. Baader*


PAGE *2* OF *2*

PROJECT NO.: *9836002041*

PROJECT ADDRESS *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				↑
				12				
				13				BT
				14				
<i>15:15</i>		<i>S-01-15</i>		15	<i>0.150</i>		<i>Same as above coarse</i>	↓
				16				
				17			<i>EOB 16'</i> <i>asphalt</i> <i>no GU</i> <i>no HA</i> <i>no powder</i>	
				18				
				19				
				20				



Engineering, Fire & Environmental Services

BORING LOG

BORING: B-DU2-S-02

DATE(S) DRILLED: 3/15/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 8:45

END TIME: 9:15

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.25"/2.5"

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16 Feet

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0-3			Asphalt	4K C
					3-5			Base / gravel	
8:50		S-02-3			3			0.150 SP Sand w/ silt, med brown, v. fine coarse, Lk RD, SP, NO, MD	HTS
					4				
					5				
					6				
					7				
8:55		S-02-8			8			0.00 Sand, yellowish brown, v. fine to coarse, Lk RD, SP, NO, MD	
					9				
					10				

BORING LOG

BORING: **B-DU2-S-02**

LOGGED BY: **G. Baader**

PAGE 2 OF 2

PROJECT NO.: **9836002041**

PROJECT ADDRESS **2627 N Hollywood Way, Burbank, CA 91505**

PROJECT NAME: **Burbank Airport**

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				
				14				
9:05		S-02 14		15			SP Sand, same as above coarser	
				16				
				17				
				18				
				19				
				20				

~~SP/CL silt/sand, 34% plasticity
moist, wet to dry brown.
NO IVD, wet silt~~

TOB 16'
NO GU
NO HA
NO PROBES
ASPHALT

HS

BORING LOG

BORING: **B-DU2-S-03**

DATE(S) DRILLED: **3/15/17**

PAGE **1** OF **2**

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: **6:55**

END TIME: **7:35**

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2.25"/2.5"**

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **16 Feet**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			NO-3' Asphalt 3-5' Base/gravel	4K 4K C
					1			sh Silty Sand, mixed w/ gravel med to dark brown, MD, SH, NO, ND	
					2				
7:10		S-03-3			3			0.5 SP/8-8 Sand w/ silt, very fine to coarse grained, base gravel med brown, L to HD, SH, NO, ND	
					4				
					5				43
					6				
					7				
					8			sh Sand/w/ silt same as above	
7:15		S-03-8			8				
					9				
					10				

BORING LOG

BORING: B-DUR-S-03

LOGGED BY: G. Baader

PAGE 2 OF 2

PROJECT NO.: 9836002041

PROJECT ADDRESS 2627 N Hollywood Way, Burbank, CA 91505

PROJECT NAME: Burbank Airport

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11		SP	Sand, yellowish-brown fine to v. coarse	
				12				
				13				HS
				14				
7:25		S-03-15		15		0 SP	Sand	
				16			EOB 16' Asphalt No GW No HA No probes	
				17				
				18				
				19				
				20				



Engineering, Fire & Environmental Services

BORING LOG

BORING: B-DU2-S04

DATE(S) DRILLED: 3/15/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 13:37 | END TIME: 14:00

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.25"/2.5"

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16 Feet

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			0-3 asphalt	
					3			3-5 Base (sieved w/ 50 mesh to clear brown & D, SH, NO, ND)	
13:40		S04-3			3	0	SP	Sand, v. fine to coarse, yellowish brown, Lt to D, SH, NO, ND	
					4				
					5				HF3
					6				
					7				
13:45		S04-8			8	0	SP	Sand same as above coarse	
					9				
					10				

BORING LOG

BORING: *B042-S-04*

LOGGED BY: *G. Baader*


PAGE 2 OF 2

PROJECT NO.: *9836002041*

PROJECT ADDRESS *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				<i>H3</i>
				14				
<i>3:55</i>		<i>S-04-15</i>		15	<i>0 50</i>		<i>Sand, same as above trace gravel</i>	
				16				
				17			<i>EOB 16'</i>	
				18			<i>NOGL</i>	
				19			<i>NO HA</i>	
				20			<i>NO PROBES</i>	
							<i>ASPHALT</i>	



Engineering, Fire & Environmental Services

BORING LOG

BORING: B-DG2-S-05

DATE(S) DRILLED: 3/15/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 9:18

END TIME: 9:55

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.25"/2.5"

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16 Feet

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			0-3 Asphalt	CK C
					3			3-5 Base/soil	
					5			St Silty sand med to dark brown	
					1				
					2				
9:30		S-05-3			3			0.15SP (St) Sandy silt, very fine to medium yellow brown L&D, St, NO, ND	HS
					4				
					5				
					6				
					7				
9:35		S-05-8			8			0.15SP Sand, same as above coarse	
					9				
					10				

BORING LOG

BORING: B-DU2-S-05

LOGGED BY: G. Baader

PAGE 2 OF 2

PROJECT NO.: 9836002041

PROJECT ADDRESS 2627 N Hollywood Way, Burbank, CA 91505

PROJECT NAME: Burbank Airport

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11				
					12				
					13			sh silty sand, same as below	HTB
					14				
9:42		S-05-15			15			0.15 sh silty sand, med brkly, v. fine med, low plastic, soft, no, no	
					16			EOB 16'	
					17			NO GU	
					18			NO HA	
					19			NO PROBES	
					20			ASPHALT	

BORING LOG

BORING: B-D425-06

DATE(S) DRILLED: 3/15/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 7:38

END TIME: 8:10

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.25"/2.5"

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16 Feet

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0-3			Asphalt	405'
					3-5			Base/gravel	41'
					1			38 Silty sand, same as B-D425-03	
					2				
7:40		S06-3			3	0.25		Sand, yellowish-brown v. fine to med, L to H D, SP, NO, MD	
					4				
					5				
					6				
					7				
7:45		S06-8			8	0		SP to sand w/ silt v. fine to med, same as above	
					9				
					10				

BORING LOG

BORING: B-DU2-5-06

LOGGED BY: G. Baader

PAGE 2 OF 2

PROJECT NO.: 9836002041

PROJECT ADDRESS 2627 N Hollywood Way, Burbank, CA 91505

PROJECT NAME: Burbank Airport

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				HB
				14				
7:55		S-06-15		15		0 SP	Sand, same as 3'	
				16				
				17			EOB 16'	
				18			Asphalt	
				19			NO GW	
				20			NO HA	
							NO PROBES	

BORING LOG

BORING: *B-D42-S-07*

DATE(S) DRILLED: *3/15/17*

PAGE 1 OF 2

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: *12:30*

END TIME: *13:00*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2.25"/2.5"**

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **16 Feet**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			0-3 Asphalt	4K C
					1			-35 Base w/ gravel / sh med brown	
					2			5 to 1	
<i>12:40</i>		<i>S-07-3</i>			3		<i>0.750</i>	<i>Sand, yellowish brown, v. fine to coarse, L to HD, sh, no. mg</i>	113
					4				
					5				
					6				
					7				
<i>12:45</i>		<i>S-07-8</i>			8		<i>0.750</i>	<i>Sand, same as above</i>	
					9				
					10				

BORING LOG

BORING: B-DU 2-S-07

LOGGED BY: G. Baader

PAGE 2 OF 2

PROJECT NO.: 9836002041

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

PROJECT NAME: Burbank Airport

NOTES:

TIME	BC	SAMPLE ID	R/SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				HS
				14				
12:55		S07-15		15		0.250	Sand same as above	
				16				
				17			EOB Asphalt NO GW NO HA NO PROB	
				18				
				19				
				20				

BORING LOG

BORING: B-Du2-S-09

DATE(S) DRILLED: 3/15/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 8:12

END TIME: 8:40

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.25"/2.5"

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16 Feet

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0-3			Asphalt	4K e
					3-5			Base/gravel	
					WS			Silty Sand	
8:18		S-09-3			3		SP	Sand, fine to v. coarse yellowish-brown, Ld to H, SH, NO, MD	HB
					4				
					5				
					6				
					7				
8:20		S-09-8			8		SP	Sand, same as above, fine, trace gravel	
					9				
					10				

BORING LOG

BORING: *B-D42-S-09*

LOGGED BY: *G. Baader*


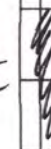
PAGE 2 OF 2

PROJECT NO: *9836002041*

PROJECT ADDRESS *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
			<i>u</i>	10				
				11				
				12				
				13				<i>HR</i>
			<i>u</i>	14				
<i>8:30</i>		<i>S-09-15</i>		15		<i>0.50 Sand, same as above</i>		
				16				<i>EOB 16'</i>
				17				<i>Asphalt</i>
				18				<i>NO GU</i>
				19				<i>NO HA</i>
				20				<i>NO PORES</i>

BORING LOG

BORING: B-D42-S-8

DATE(S) DRILLED: 3/17/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 6:55 | END TIME: 7:30

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.25"/2.5"

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16 Feet

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0-3			Asphalt	4K
					3-6			Base, gravel w/ sh	PSI
					6-10			Silty sand w/ gravel, med to large	C
					1				
					2				
7:10	58-3				3			SP Sand, 1/2-B, v. fine to v. coarse, 2 to 40, sh, no, no	
					4				HB
					5				
					6				
					7				
7:15	58-8				8			SP Sand, SAA, trace gravel, cobbles	
					9				
					10				

BORING LOG

BORING: **B-D42-S-8**

LOGGED BY: **G. Baader**

PAGE 2 OF 2

PROJECT NO.: **9836002041**

PROJECT ADDRESS **2627 N Hollywood Way, Burbank, CA 91505**

PROJECT NAME: **Burbank Airport**

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11				
					12				
					13				
					14				
7:20		S-8-15			15			OSP Sand, SAA	H3
					16			EOB 16'	
					17			NO GU	
					18			NO HA	
					19			ASPHALT	
					20			NO PROBES	
								ON SPOT	
								Roadway	

BORING LOG

BORING: *B-D425-10*

DATE(S) DRILLED: *3/17/17*

PAGE 1 OF 2

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: *8:00*

END TIME: *8:25*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2.25"/2.5"**

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **16 Feet**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0-3			Asphalt	4K C
					3-6			Base, gravel up str	
					1				
					2				
<i>8:10</i>		<i>S-10-3</i>			3	<i>0 SP</i>		Sand, Y-B, v. fine coarse, Lb HD, str, NO, NP	
					4				
					5				
					6				
					7				
<i>8:15</i>		<i>S-10-8</i>			8	<i>0 SP</i>		Sand, same as above, trace gravel	
					9				
					10				

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11				
					12				
					13				HB
					14				
8:20		S-10-15			15			0 SP Sand, same as above, trace cobbles	
					16				
					17			EOB 16'	
					18			NO GL	
					19			NO HA	
					20			NO PROBES	
								ASPHALT	
								ON SPOT	

BORING LOG

BORING: *B-DU2-S-11*

DATE(S) DRILLED: *3/17/17*

PAGE 1 OF 2

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: *7:32*

END TIME: *7:55*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2.25"/2.5"**

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **16 Feet**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0-3			<i>Asphalt</i>	
					3-6			<i>Base w/ gravel / sh</i>	<i>4k</i>
					1			<i>sh silty sand, med to dark brown, SKID, NO, MD</i>	<i>PSI</i>
					2				
<i>7:38</i>		<i>S11-3</i>			3		<i>OS</i>	<i>Sand, 1/2-B, v. fine to v. coarse, L&H, SH, NO, MD</i>	
					4				
					5				<i>143</i>
					6				
					7				
<i>7:40</i>		<i>S11-8</i>			8		<i>U</i>	<i>SP Sand, SHA coarser, med gravel</i>	
					9				
					10				

BORING LOG

BORING: *B-DUZ-S-11*

LOGGED BY: *G. Baader*

PAGE 2 OF 2

PROJECT NO.: *9836002041*

PROJECT ADDRESS *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11				
					12				
					13				<i>173</i>
					14				
<i>7:50</i>		<i>S-11-15</i>			15	<i>0 SP</i>		<i>Sand, SAA, coarse, fine gravel, cobbles</i>	
					16				
					17			<i>EOB 16'</i>	
					18			<i>NO GL</i>	
					19			<i>NO HA</i>	
					20			<i>NO PROBES</i>	
								<i>ASPHALT</i>	
								<i>ON SPOT</i>	
								<i>Flodduag</i>	

BORING LOG

BORING: B042-S-12

DATE(S) DRILLED: 3/17/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 9:00

END TIME: 9:25

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.25"/2.5"

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16 Feet

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0-3			Asphalt	2K
					3-6			Base of gravel + SF	PSI
					40			with dark brown, NO, ND	C
9:10	S-12-3				3		0 SP	Sand of silt, Y-B, v. fine to coarse, Lt MD, SF, NO, ND	HS
9:15	S-12-8				8		0 SP	Sand, same as above slightly coarser	

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11				
					12				
					13				HS
					14				
9:20		S-12-15			15			0 P Sand, SAA, coarse	
					16			EOB 16'	
					17			NO GW	
					18			NO HA	
					19			NO PROBES	
					20			ASPHALT ON SPOT	

BORING LOG

BORING: B-DU25-14

DATE(S) DRILLED: 3/17/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 8:30 END TIME: 8:58

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.25"/2.5"

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16 Feet

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0-3			Asphalt	
					3-5			Base w gravel + sh med to dark brown	410 PSI C
8:35		S-14-3			3		0 SH	Silty sand, v. fine to fine med. brown, MD, SH, NO, ND	
					5				413
8:40		S-14-8			8		0 SP	Sand, fine to coarse, Y-B, L to MD, SH, NO, MD	

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				4K PSI C
					11				
					12				
					13				
					14				
8:50		S-14-15			15			0.15 SP Sand, SAA, coarse, trace gravel	HSB
					16			EOB 16'	
					17			NO GW	
					18			NO HA	
					19			NO PROBES	
					20			ON SPOT	



BORING LOG

BORING: B-DU2-S-13

Engineering, Fire & Environmental Services

DATE(S) DRILLED: 3/15/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 13:00

END TIME: 13:35

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.25"/2.5"

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16 Feet

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0.3			Asphalt	
					3.5			Base, Gravel w/ sh med brown to dark br.	4K C
13:10		S-13-3			0	SP		Silty Sand, med brown AD, SH, NO, MD, v. fine to fine	1A3
					8			Sand, v. fine to coarse yellowish brown L to AD, SH, NO, MD	

BORING LOG

BORING: **B-DU2-5-13**

LOGGED BY: **G. Baader**

PAGE 2 OF 2

PROJECT NO: **9836002041**

PROJECT ADDRESS **2627 N Hollywood Way, Burbank, CA 91505**

PROJECT NAME: **Burbank Airport**

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				
				14				
13:27		S-13-15		15	0	SP	Sand, coarse, same as trace gravel above	HS
				16			EOB 16'	
				17			NO GL NO HA	
				18			ASPHALT	
				19			NO PROBE	
				20				



Engineering, Fire & Environmental Services

BORING LOG

BORING: B-DU2-SSG-01

DATE(S) DRILLED: 3/16/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 7:35

END TIME: 8:45

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.25"/2.5"

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16 Feet

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			0-2 5/8 ASPHALT	SS
					3			3-5/6 BASE GRAVEL U/SR med to clark bould	SS
7:50		SG-01-35			3		0.150	Sand, Y-B, fine to coarse base gravel, L to HD, SH, NO, NG	DB
					8			0.58 Sand, SAA, coarse	SS
8:00		SG-01-85			8				
					10				



BORING LOG

BORING: B DU2 S-SG-01

Engineering, Fire & Environmental Services

LOGGED BY: G. Baader

PAGE 2 OF 2

PROJECT NO: 9836002041

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

PROJECT NAME: Burbank Airport

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11				
					12				HB
					13				
					14				DB
					15				#3 5
8:10		SG-01-155			15		OS	Sand, same as above coarser	
					16				SSS
					17			FOB 16' NO GW NO HA ASPHALT	
					18			PROBES AT 5' + 15'	
					19				
					20				

EFI Global

Engineering, Fire & Environmental Services

BORING LOG

BORING: B-D42-S-SG-02

DATE(S) DRILLED: 3/15/17

PAGE 1 OF 2 Original

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 14:05

END TIME: 19:45 Foot

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.25"/2.5"

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16 Feet

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0-3			Asphalt	
					3-5			Base/gravel	
					5-8		SP	Silty sand	
					8-10		0 SP	Sand, fine to v. coarse, yellowish brown, Lb SD, SH NO, ND	

14:10

SG-02-38

0.1

14:15

SG-02-85

0

A pads

HB

DB

S

HB

BORING LOG

BORING: **B-D42-S-SG-02**

LOGGED BY: **G. Baader**

PAGE 2 OF 2

PROJECT NO: **9836002041**

PROJECT ADDRESS **2627 N Hollywood Way, Burbank, CA 91505**

PROJECT NAME: **Burbank Airport**

NOTES:

TIME	BC	SAMPLE ID	R/SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				
				14				
14:25		SG-02-155		15	0	SP	Sand, same as above	
				16				
				17				
				18				
				19				
				20				

Stop

EOS 16'
 NOG
 NOHA
 ASPHALT
 PROBE 5' + 15'

AS

SS

S

SS

BORING LOG

BORING: B-D42-S-56-03

DATE(S) DRILLED: 3/15/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 10:00

END TIME: 10:45

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.25"/2.5"

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16 Feet

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					1				
					2			SB Silty Sand, med brown	HTB
10:10		56-03-35			3		0.1	SP Sand w/ silt, v. fine coarse, trace gravel, med brown, Lt KO, SH, NO, ND	DB
					4				Sand
					5				
					6				
					7				HTB
10:20		56-03-85			8		0.1	SP Sand, fine to coarse, yellowish-brown, Lt KO, SH, NO, ND	
					9				
					10				

add

BORING LOG

BORING: **B-D42-S-SG-03**

LOGGED BY: **G. Baader**

PAGE 2 OF 2

PROJECT NO: **9836002041**

PROJECT ADDRESS **2627 N Hollywood Way, Burbank, CA 91505**

PROJECT NAME: **Burbank Airport**

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				
				14			<u>SP Silty Sand, same as above</u>	<u>DB</u>
				15			<u>0 SP Sand, same as above</u>	<u>See</u>
10:30		SG-03-155		16			<u>Sealed</u>	<u>SSSS</u>
				17			<u>EOB 16'</u> <u>Asphalt</u> <u>NO GW</u> <u>NO HA</u>	
				18			<u>PROBES 5' + 15'</u>	
				19				
				20				

BORING LOG

BORING: *B-DQZ-SSG-04*

DATE(S) DRILLED: *3/15/17*

PAGE 1 OF 2

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: *10:48*

END TIME: *11:40*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2.25"/2.5"**

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **16 Feet**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0-3			Asphalt	
					3-5			Base, gravel w/str	
					1				
					2				
					3			06SP Sand, yellowish-brown, fine to coarse, 1/8" & D, NO, & D, str	
					4				
					5				
					6				
					7				
					8			04SP Sand, same as above	
					9				
					10				

10:55 SSG-04-35

11:00 SSG-04-85

A pads

BORING LOG

BORING: *D-DU2-SSG-04*

LOGGED BY: *G. Baader*


PAGE 2 OF 2

PROJECT NO.: **9836002041**

PROJECT ADDRESS **2627 N Hollywood Way, Burbank, CA 91505**

PROJECT NAME: **Burbank Airport**

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION	
					10					
					11					
					12				<i>HB</i>	
					13					
					14				<i>DB</i>	
					15				<i>S</i>	
<i>11:10</i>		<i>SG-04-155</i>			15		<i>0.250</i>		<i>Sand, same as above trace gravel</i>	
					16				<i>Gravel</i>	<i>SS</i>
					17				<i>EOP 16'</i>	
					18				<i>Asphalt</i>	
					19				<i>NO GU</i>	
					20				<i>NO HA</i>	
									<i>PROBS 5+15'</i>	

BORING LOG

BORING: *B-DU2-SS6-05*

DATE(S) DRILLED:

PAGE 1 OF 2

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: *15:15*

END TIME:

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2.25"/2.5"**

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **16 Feet**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			<i>6-3 Asphalt</i>	<i>✓</i>
					1			<i>3-5 Base gravel w/ sh</i>	<i>✓</i>
					2			<i>sh Silty Sand med to dark brown</i>	<i>✓</i>
					3			<i>SP Sand w/ silt</i>	<i>✓</i>
<i>15:30</i>		<i>SG-05-35</i>			4			<i>Yellowish-brown v. fine to med, trace gravel to HD, sh, NO. mg</i>	<i>DB</i>
					5				<i>SP</i>
					6				<i>SP</i>
					7				<i>SP</i>
					8			<i>SP Sand w/ gravel/cobbles same as above</i>	<i>SP</i>
<i>15:40</i>		<i>SG05-85</i>			9				<i>SP</i>
					10				<i>SP</i>

✓
✓
✓

2

3

4

5

6

7

8

9

10

BORING LOG

BORING: *B D425-SG-05*

LOGGED BY: *G. Baader*

PAGE 2 OF 2

PROJECT NO.: *9836002041*

PROJECT ADDRESS: *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11				
					12				<i>HD</i>
					13				
					14				<i>DB</i>
<i>15:50</i>		<i>SG-05 155</i>			15			<i>SP Same, same as od 3' coarse</i>	<i>SS</i>
					16			<i>EDB 16'</i>	
					17			<i>NO HA NO GW Asphalt Probes 5+15'</i>	
					18				
					19				
					20				

BORING LOG

BORING: **B-D42-S-56-06**

DATE(S) DRILLED:

PAGE 1 OF 2

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: **14:47**

END TIME: **15:30**

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505 (Desmond's)**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2.25"/2.5"**

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **16 Feet**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			0-3 Asphalt	
					3			3-5 Base, gravel 4/58 dark brown	
					1			SH silty med brown	
					2			Sand, MD, v. fine to fine SH, NO, MD	HB
14:55		56-06-35			3		0.150	Sand w/ silt, v. fine to med., yellowish-brown, L to MD, SH, NO, MD	DB
					4				
					5				
					6				
					7				HB
15:00		56-06-85			8		0.50	Sand, same as above, coarse, trace gravel	
					9				
					10				

A pads

BORING LOG

BORING: *B.DM2-S-SG-06*

LOGGED BY: *G. Baader*

PAGE 2 OF 2

PROJECT NO.: *9836002041*

PROJECT ADDRESS *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11				
					12				<i>HB</i>
					13				
					14				<i>DB</i>
<i>15:05</i>		<i>SG-06-155</i>			15			<i>OS Sand, same as above coarse</i>	<i>SS</i>
					16				<i>SSSS</i>
					17			<i>EOS 16'</i>	
					18			<i>NO HP</i>	
					19			<i>NO GW</i>	
					20			<i>ASPHALT</i>	
								<i>PROBES 5'/15'</i>	

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Engineering Fire & Environmental Services

BORING LOG

BORING: B-D43-S-01

DATE(S) DRILLED: 3/7/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 10:50

END TIME: 11:15

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.5 / 2.5

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16'

PID CAL GAS DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			0-6" Base, gravel, silt sand, dry, dark brown NO, NO, NO	4K PSI concrete
					1				
					2			Silt sand, med brown, v. fine to med. Lt to F.D, SH, NO, ND	
10:55		S-01-3			3	0	SH	Silt sand, yellowish-brown, med fine to coarse, → very coarse, Lt to F.D, SH, NO, ND	
					4				
					5				
					6				
					7				
11:00		S-01-8			8	0	SP	Sand coarse same as above	
					9				
					10				

BORING LOG

BORING: *B-D435-01*

LOGGED BY: *G. Baader*

PAGE *2* OF *2*

PROJECT NO: *9836002041*

PROJECT ADDRESS: *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11				
					12				
					13				
					14				
					15				
<i>11:10</i>		<i>S01-15</i>			15			<i>SM Silty Sand (sandy silt)? wed below, no plasticity</i>	<i>HB</i>
					16			<i>Same as above finer</i>	
					17			<i>EOB NO penet NO GU NO HA</i>	
					18				
					19				
					20				

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Engineering Fire & Environmental Services

BORING LOG

BORING: B-043-S-04

DATE(S) DRILLED: 3/7/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 8:27

END TIME: 8:57

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe 600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.5 / 2.25

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 18'

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			0-3" asphalt	4K
					1			3-6" Base of gravel, dirty sand, dark brown clay NO	PSI
					2				access
					3				HB
8:30		S04-3			3	0	SB	Sand, yellow sh-brown, v fine to med, L to H, sh, NO, NO	
					4				
					5				
					6				
					7				
					8				
8:33		S04-8			8	0	SB	Same as above	
					9				
					10				

BORING LOG

BORING: B-DU3-S-04

LOGGED BY: G. Baader

PAGE 2 OF 2

PROJECT NO: 9836002041

PROJECT ADDRESS 2627 N Hollywood Way, Burbank, CA 91505

PROJECT NAME: Burbank Airport

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11			Rock	
					12				H3
					13				
					14				
					15			Refusal	
					16				
8:55		504-17 504-17			17	0	SP	Sand w/ gbbles same as above, minus coarse	
					18			EOB	
					19				
					20				

BORING LOG

BORING: B-D435-07

DATE(S) DRILLED: 3/6/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 13:15

END TIME: 13:35

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.5"/2.25"

DEPTH TO GROUNDWATER: —

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16'

PID CAL GAS DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
13:17		S-07-7 0.6'		0-1	0	SH	0-3" Base gravel w/ silty sand 2" dark brown, DM Silty sand, med-brown, fine to medium, sD, SH, NO, ND	LIK PSI canned
13:17		S-07-3		2-3	0	SH	Silty sand, v. fine to coarse, med-brown, Lt sD, SH NO, ND	↑ H ↓
13:20		S-07-8		8-9	0	SH	Silty sand, v. fine to med yellowish brown, Lt sD, SH, NO, ND	
				10				

BORING LOG

BORING: *B-D43.5-07*

LOGGED BY: *G. Baader*

PAGE *2* OF *2*

PROJECT NO.: *9836002041*

PROJECT ADDRESS *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10			<i>SP Sand, same as 15'</i>	<i>↑</i>
				11				
				12				
				13				
				14				
<i>13:30</i>		<i>S07-15</i>	<i>h</i>	15	<i>6</i>	<i>SP</i>	<i>Sand, yellowish brown, fine to coarse, trace gravel, L to 1/8", SH, NO, ND</i>	<i>↑</i>
				16			<i>EOB</i>	<i>↓</i>
				17				
				18				
				19				
				20				

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Engineering, Fire &
Environmental Services

BORING LOG

BORING: *B-DU3-S-08*

DATE(S) DRILLED:

PAGE *1* OF *2*

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: *13:36*

END TIME: *13:52*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER:

DEPTH TO GROUNDWATER:

DRILLING CONTRACTOR / DRILLER NAME:
Kehoe/Rudy & Chance

TERMINAL DEPTH: *16'*

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					—			<i>0-5" Base, gravel silty sand</i>	<i>4K</i>
					—				<i>PSI</i>
					—				<i>core</i>
					— 1 —				
					—				
					—				
					—				
					— 2 —				
					—				
					—				
<i>13:40</i>		<i>508-3</i>			— 3 —			<i>0 STD silty sand</i>	<i>4</i>
					—				
					—				
					— 4 —				
					—				
					—				
					—				
					— 5 —				
					—				
					—				
					—				
					— 6 —				
					—				
					—				
					—				
					— 7 —				
					—				
					—				
<i>13:45</i>		<i>508-8</i>			— 8 —			<i>0 SP Sand</i>	
					—				
					—				
					— 9 —				
					—				
					—				
					— 10 —				

BORING LOG

BORING: B-DU3 5-08

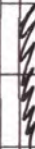
LOGGED BY: GIB

PAGE 2 OF 2

PROJECT NO.:
PROJECT NAME: BAR AIR

PROJECT ADDRESS

NOTES:

TIME	BC	SAMPLE ID	R/SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10 ^{E20}				
				11				
				12				
				13				
				14				
				15				
13:50		5-08-15		15	0	SP Sand		
				16				
				17				
				18				
				19				
				20				
							EOTB NO GW NO HA	

SH

HR



31
22
23
24
25
26
27
28
29
30

EFI Global

Engineering, Fire & Environmental Services

BORING LOG

BORING: B 043-S-09

DATE(S) DRILLED: 3/9/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 8:00

END TIME: 8:25

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.5" / 2.25"

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16'

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0-3			Asphalt	
					3-9			30% gravel w/ silty sand dwn brown	4k P1 Coarse
8:05		S09-3			3		SH	Silty sand, mod. brown, v. fine to med, L to MD, SH NO, ND	HB
					4			grades to	
8:12		S09-8			8		SH/SP	Silty Sand Sand, yellowish brown 100% gravel, v. fine to v. coarse, L to MD, SH, NO, ND	



Engineering, Fire & Environmental Services

BORING LOG

BORING: B-D43-S-09

LOGGED BY: G. Baader

PAGE 2 OF 2

PROJECT NO.: 9836002041

PROJECT ADDRESS 2627 N Hollywood Way, Burbank, CA 91505

PROJECT NAME: Burbank Airport

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
			2	12				UB
				13				
				14				
8:23		S-09-15		15		SP	Sand, same as above	
				16			EOB	
				17				
				18				
				19				
				20				

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Engineering Fire & Environmental Services

BORING LOG

BORING: **BD43-S-10**

DATE(S) DRILLED: **3/7/17**

PAGE **1** OF **2**

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: **7:05**

END TIME: **7:25**

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO: **9836002041**

BOREHOLE DIAMETER: **2.5 / 2.25**

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **16**

PID CAL GAS/DAT: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			0-1' BOP, gravel, silty sand, dry, dark brown block, KD, NO, 1	OK PPI connect
					1				
					2				
7:10		S-10-3			3		OS	Sand, v. fine & coarse, yellowish br, KD, NO, 1	HB
					4				
					5				
					6				
					7				
7:13		S-10-8			8		OS	Same as above	
					9				
					10				

BORING LOG

BORING: *BQUS-S-10*

LOGGED BY: *G. Baader*

PAGE 2 OF 2

PROJECT NO.: *9836002041*

PROJECT ADDRESS: *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				

BURBANK

7:20

S-10-01-5-15

0 SP Sand, same as above

*EOB
NO GU
NO HA
NO POW*

HB

BORING LOG

BORING: **B-DU3-S-SG-07**

DATE(S) DRILLED: **3/2/17**

PAGE **1** OF **2**

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: **12:30**

END TIME: **1:08**

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER:

DEPTH TO GROUNDWATER:

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH:

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			Base of gravel / silty sand	
					1			st silty sand, med brown. ST, NO, NO, MD	
					2				
12:40		SG-07-35			3		ML	SILT, med brown, low plasticity, soft, trace sand, ST, NO, MD	
					4				
					5				
					6				
					7		ML		
					8		ML	SILT, med to reddish brown, slight plasticity, med stiff trace sand, ST, NO, MD	
12:44		SG-07-85			8				
					9				
					10				

BORING LOG

BORING: ~~B-043556-07~~ **B-043556-07**

LOGGED BY: **G. Baader**

PAGE **2** OF **2**

PROJECT NO.: **9836002041**

PROJECT ADDRESS **2627 N Hollywood Way, Burbank, CA 91505**

PROJECT NAME: **Burbank Airport**

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11				
					12				HB
					13				
					14				DB
					15				
12:49		SG-07-155			15	0 ML		SILT same as above	
					16			SAND, yellowish brown, trace gravel, v. fine to very coarse, L to MD, str. NO, MD	
					17			16' EIOB probes at 5+15' 0.5 collapsed at bottom to 15.5'	
					18				
					19				
					20				



Engineering, Fire & Environmental Services

BORING LOG

BORING: B-D43-3-SG-08

DATE(S) DRILLED: 3/2/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 13:11

END TIME: 14:00

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe

PROJECT NO.: 9836002041

BOREHOLE DIAMETER:

DEPTH TO GROUNDWATER:

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH:

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					—			Base, crushed asphalt?	
					—			Gravel w/ silty sand	
					—			dark brown to black, NO, ND	
					1			Silty sand, med brown,	
					—			trace gravel, NO, SR, NO, ND	
					—				
					2				
					—				
					—				
13:22		SG-08-			3	0-150		Sand, yellowish-brown	
					—			fine to coarse, trace gravel	
					—			to NO, SR, NO, ND	
					4				
					—				
					5				
					—				
					6				
					—				
					7				
					—				
					8	0 SP		Sand, reddish-brown	
13:32					—			fine to v. coarse, trace	
					—			gravel, to NO, SR,	
					—			NO, ND	
					9				
					—				
					10				

BORING LOG

BORING: B-DU3-S-SG-08

LOGGED BY: G. Baader

PAGE 2 OF 2

PROJECT NO.: 9836002041

PROJECT ADDRESS 2627 N Hollywood Way, Burbank, CA 91505

PROJECT NAME: Burbank Airport

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11				
					12				
					13				
					14				
					15				
					16				
					17				
					18				
					19				
					20				

13:38

Handwritten notes in the R column:
 10-14: *h*
 15: *h*
 16: *h*

050 Sand, reddish-brown
 fine to v. coarse, trace
 gravel, L to H, NO, ND

Stagnated to
 15.5

Prob same as SG-07

BORING LOG

BORING: B-D43-S-SG-09

DATE(S) DRILLED: 3/6/17

PAGE 1 OF 3

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 9:25

END TIME: 10:20-11:12

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: ~2.5" / 2.25"

DEPTH TO GROUNDWATER: -

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 26'

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0-3			crushed asphalt / gravel w/ silty sand, dark brown, dry	
10:25		SG-09-35			3	0.150		Sand, v. fine to coarse yellowish brown, Lb HD, SH, NO, ND	
10:40		SG-09-85			8	0.20		Sand, same as above	

Same as above



Engineering Fire & Environmental Services

BORING LOG

BORING *B-D43-S5G-09*

LOGGED BY: *G. Baader*

PAGE *2* OF *3*

PROJECT NO.: *9836002041*

PROJECT ADDRESS *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R/SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				
				14				
<i>10:48</i>		<i>SG-09-155</i>	<i>[Hatched]</i>	15	<i>0.1</i>	<i>SG</i>	<i>Sand, same as above coarse</i>	<i>Same as above</i>
				16				
				17				
				18				
				19				
				20				

BORING LOG

BORING **B-D43-S-SG-09**

LOGGED BY: **G.B**

PAGE **3** OF **3**

PROJECT NO.:

PROJECT NAME: **BCOR AIR**

PROJECT ADDRESS

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					20				
					21				
					22				HB
					23				
					24				DB
					25	0	SP	Same as at 81	#3 S
11:00		SG-09-255			25				Shogled SES
					26			EOB NOGLW No HA No pavement Installed probes at 5, 15, 25'	
					27				
					28				
					29				
					30				

BORING LOG

BORING: *BD43-S-SG70*

DATE(S) DRILLED: *3/6/17*

PAGE *1* OF *3*

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: *12:00*

END TIME: *13:10*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER:

DEPTH TO GROUNDWATER:

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: *26'*

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			0-4" <i>ross</i> , gravel, silty sand, dark brown	
					1				
					2				
<i>12:15</i>		<i>SG-10-35</i>			3		<i>0.15 sh</i>	<i>Silty sand, med. brown, v. fine to medium, MD, sh, NO, MD</i>	<i>Same as all others</i>
					4				
					5				
					6				
					7				
					8		<i>0.5 sh</i>	<i>Sand, yellowish-brown, fine to coarse, trace gravel, L, sh, NO, MD</i>	
<i>12:22</i>		<i>SG-10-85</i>			9				
					10				

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				
				14				
<i>12:32</i>		<i>SG 10-155</i>	<i>hatched</i>	15	<i>D SP</i>		<i>Sand, medium-brown, same as above</i>	
				16				
				17				
			<i>A</i>	18				
				19				
				20				

Same as all others

BORING LOG

BORING: **B043-S-G-10**

LOGGED BY: **GP**

PAGE **3** OF **3**

PROJECT NO.:
PROJECT NAME: **BUR AIR**

PROJECT ADDRESS

NOTES:

TIME	BC	SAMPLE ID	R/SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				20				
				21				
				22				
				23				H3
				24				DB
				25	D	SP	Sand, yellowish brown Same as above	H3
12:47		SG10-255		25				SSS
				26				
				27			EOB NO HA NO GL No pavement probe set at 5', 15', 25'	
				28				
				29				
				30				

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BORING LOG

BORING: **B-DUB-S-02**

DATE(S) DRILLED: **3/14/17**

PAGE **1** OF **2**

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: **13:42**

END TIME: **14:20**

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2.5 | 2.25**

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **16'**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			0-3 asphalt	9-10 4' concrete
					3			3-5 Bas	
					5			SB silt sed med brown	
					1				↓
					2				
					3				
13:50		S-02-3			3	0.450		Sand w/ silt, very fine to coarse, yellowish-brown (b to m), no. no. fine overall	
					4				
					5				
					6				
					7				
					8				
14:00		S-02-8			8	0.250		Sand, fine to very coarse, yellowish brown same as above overall coarse	
					9				
					10				



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BORING LOG

BORING: B-D43-S-02

LOGGED BY: G. Baader

PAGE 2 OF 2

PROJECT NO.: 9836002041

PROJECT ADDRESS 2627 N Hollywood Way, Burbank, CA 91505

PROJECT NAME: Burbank Airport

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				
				14				
14:10		S-02-15		15	0150		Sand, same as above overall fine but coarse Br at 3'	
				16				
				17			EOB 16'	
				18			NO GU	
				19			NO HA	
				20			Asphalt	
							wo pikes	



H3





Engineering, Fire & Environmental Services

BORING LOG

BORING: B-D43-S-03

DATE(S) DRILLED: 3/14/17

PAGE 2 OF 1

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 14:22

END TIME: 14:50

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.5 / 2.75

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16'

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0-3"			Asphalt	
					3-5"			Base gravel	
					1			sh Silty sand, med brn 47	4h psi wuc.
					2				
14:30	S-03-	3			3	0.4	sh/sl	Silty sand / sandy silt, med brn 47, no to low plast, soft, sh, NO, MD.	
					4				
					5				473
					6				
					7				
14:35	S03	8			8	0.1	SP	Sand, yellow-brown, v. fine & v. coarse, L to HD, sh, NO, MD trace gravel	
					9				
					10				

BORING LOG

BORING: *B-D43-S-03*

LOGGED BY: *G. Baader*

PAGE *2* OF *2*

PROJECT NO.: *9836002041*

PROJECT ADDRESS: *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				
				14				
<i>14:40</i>		<i>S-03-15</i>	<i>2.1</i>	15		<i>0.150</i>	<i>Sand, same as above base gravel</i>	
				16				
				17			<i>EOB 16'</i>	
				18			<i>NO GW</i>	
				19			<i>NO HA</i>	
				20			<i>@ splat</i>	
							<i>no probes</i>	



HS



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BORING LOG

BORING: B-DU3-S-05

DATE(S) DRILLED: 3/14/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 9:52

END TIME: 10:25

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.5 / 2.25"

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16'

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					1			~0-2.5' Ashal d ~3 to 5' Base, gravel, gray silty sand, dk → med brown, ST, NO, MO, HD	4ft grad PS Coard
10:00	S-05-3				3		0.9	Sand, yellowish-brown/ta, fine to very coarse,	
10:05	S-05-8				8		0.1	Sand, same as above trace gravel	

BORING LOG

BORING: *B0435-05*

LOGGED BY: *G. Baader*


PAGE *2* OF *2*

PROJECT NO.: *9836002041*

PROJECT ADDRESS *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				
				14				
<i>10:15</i>		<i>S05-15</i>		15	<i>01</i>	<i>SP</i>	<i>Sand, same as above trace gravel</i>	<i>↑</i>
				16			<i>EOB 16</i>	<i>↓</i>
				17			<i>asphalt</i>	
				18			<i>NOGL</i>	
				19			<i>NOHA</i>	
				20				

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BORING LOG

BORING: **B-D43-S-06**

DATE(S) DRILLED: **3/14/17**

PAGE **1** OF **2**

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: **10:26**

END TIME: **11:06**

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2.5 / 2.25**

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME:

Kehoe/Rudy & Chance

TERMINAL DEPTH: **16'**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					1				
					2				
10:30		S-06-3			3			0 SP Sand, all same as B-D43-S-05	OK PSI CO. and
					4				
					5				
					6				
					7				
10:40		S-06-8			8			0 SP Sand	HR
					9				
					10				

BORING LOG

BORING: *B-DU3-S-06*

LOGGED BY: *G. Baader*

PAGE *2* OF *2*

PROJECT NO: *9836002041*

PROJECT ADDRESS *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R/SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				
				14				
				15				
<i>15:40</i>		<i>S-06-15</i>				<i>0.25p</i>	<p><i>NO RECOVERY</i> <i>Stuck on rock and pushed down to 16'</i> <i>died again in pm 3/14</i> <i>15:22, stepped over 1' sand</i> <i>Sand same as above, v. coarse</i></p>	<i>173</i>
				16				
				17				
				18				
				19				
				20				

EOB 16'
Asphalt
NO GU
NO HA
NO PHOS

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BORING LOG

BORING: BDU3-S-SG-01

DATE(S) DRILLED: 3/14/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 13:10

END TIME: 13:40

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.5 / 2.25

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16'

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			0-2.5/3 Asphalt	CG
					1			2.5 ~ 5 Base gravel w/ SP silt sand, med brown, MD, SH, ND, ND	HS
13:15		SG-01-35			3	0.550		Sand w/ silt, v. fine to coarse, yellowish-brown, L to MD, SP, NO, ND	DB
					4				HS
					5				HS
					6				
					7				HS
13:20		SG-01-85			8	0.180		Sand, same as above coarse	
					9				
					10				

BORING LOG

BORING: B-DUB 5-56-01

LOGGED BY: G. Baader

PAGE 2 OF 2

PROJECT NO.: 9836002041

PROJECT ADDRESS 2627 N Hollywood Way, Burbank, CA 91505

PROJECT NAME: Burbank Airport

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				SB
				13				
				14			SP Silty Sand, med coarse	DB
13:30		56-155		15		OSD	Sand, same as above fine	SB
				16			EOB 16'	stopped SSS
				17				
				18				
				19				
				20				

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BORING LOG

BORING: *B-DA3-SSG-02*

DATE(S) DRILLED: *3/14/17*

PAGE *1* OF *2*

PROJECT NAME: **Burbank Airport**

LOGGED BY: *G. Baader*

START TIME: *11:08*

END TIME: *11:45*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: *2.5/2.25*

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: *16'*

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					—			<i>asphalt / gravel base</i>	<i>asphalt pads</i>
					—			<i>st silt sand</i>	
					1				
					—				
					2				<i>HB</i>
					—				
<i>11:15</i>		<i>S6-02-35</i>			3		<i>0 SP Sand</i>	<i>All same as B.D43. S-SG-04</i>	<i>DB</i>
					—				
					4				<i>DB</i>
					—				
					5				<i>DB</i>
					—				
					6				
					—				
					7				<i>HB</i>
					—				
					8		<i>0 SP Sand</i>		
<i>11:20</i>		<i>S6-02-85</i>			—				
					9				
					—				
					10				

BORING LOG

BORING: **BDU3-S-S6-02**

LOGGED BY: **G. Baader**

PAGE **2** OF **2**

PROJECT NO.: **9836002041**

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

PROJECT NAME: **Burbank Airport**

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11				
					12				HP
					13				
					14				DB
					15				#3
11:25		S6-02-155			15		OSP Sand		
					16			stagnated SSC	
					17			Asphalt	
					18			FOR 16'	
					19			NO GU	
					20			NO HA	
								Probes at 5' 15"	

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BORING LOG

BORING: B-DU3-556-03

DATE(S) DRILLED: 3/14/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 12:25
~~#08~~

END TIME: 1:05

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.5/2.25

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16'

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0-1			0-3" Asphalt, Base/Gravel	
					1-2			ad ~3' mixed w/ sh silty sand, med. brown, sh, hD, nD, nD	
12:35		56-03-35			2-3			0.75 sp sand, w/ silty yellowish brown, v. fine to v. coarse overall finer, L to hD, sh, nD, nD	
					3-4				
					4-5				
					5-6				
					6-7				
					7-8				
12:40		56-03-85			8-9			0.25 sp sand, same as above base gravel	
					9-10				

BORING LOG

BORING: B-DUB-SSG-03

LOGGED BY: G. Baader

PAGE 2 OF 2

PROJECT NO.: 9836002041

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

PROJECT NAME: Burbank Airport

NOTES:

TIME	BC	SAMPLE ID	R/SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				
				14				
12:50		96-03-155		15			0.350 Same as above, trace cobbles	
				16			gluey	
				17			EOB16 Asphalt No GU No HA	
				18			Probes and 5+15'	
				19				
				20				

BORING LOG

BORING: B-DU3-SSG-04

DATE(S) DRILLED: 3/14/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 9:10

END TIME: 9:50

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.5 / 2.25

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16'

PID CAL GAS/DATA: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			0r3 Asphalt	
					1		sh	2.5/3 to 5' Base, gravel Silty sand, med brown w/ gravel/base, KD, sh, NO, ND	
					2				
9:15		SG-04-35			3		0 SS	Sand, yellowish-brown/tan, v. fine to coarse (overall fine), KD, sh, NO, ND	
					4				
					5				
					6				
					7				
9:20		SG-04-85			8		0 SS	Sand, same as above	
					9				
					10				

Asphalt
pad
by med
probe
4/16/17

BORING LOG

BORING: *B-DU3-SSG-04*

LOGGED BY: *G. Baader*


PAGE *2* OF *2*

PROJECT NO: *9836002041*

PROJECT ADDRESS: *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10		<i>SP</i>		
				11				
				12				<i>Same</i>
				13				
				14				
<i>9:30</i>		<i>SG-04-155</i>		15	<i>0.1 SP</i>	<i>Sand, same as above (overall with coarse)</i>		<i>Same</i>
				16			<i>sloughed CS</i>	
				17				
				18				
				19				
				20				

BORING LOG

BORING: *BD43-F-SG-05*

DATE(S) DRILLED: *3/14/17*

PAGE *1* OF *2*

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: *8:20*

END TIME: *9:35*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: *2.5 / 2.25*

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: *16'*

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			<i>0~3" Asphalt</i>	
					1			<i>~3-4" hard base / concrete ?</i>	
					2				<i>HF3</i>
<i>8:48</i>		<i>SG-05-35</i>			3		<i>1.25 ft</i>	<i>Silty sand, med to eluv brown, trace cobbles, very dense (cobble), SH, NO, NO</i>	<i>DB</i>
					4				<i>Sand</i>
					5				
					6				<i>HF3</i>
					7		<i>SH</i>		
<i>8:55</i>		<i>SG-05-85</i>			8	<i>0</i>	<i>SO</i>	<i>Sand, fine to med coarse, yellowish brown, Lt to Md. SH, NO, NO DIS. trace cobbles (had drilling / pushing)</i>	
					9				
					10				

BORING LOG

BORING: *B-D43-5-SG-05*

LOGGED BY: *G. Baader*

PAGE *2* OF *2*

PROJECT NO.: *9836002041*

PROJECT ADDRESS *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				<i>HB</i>
				13				
				14				<i>DB</i>
<i>9:03</i>		<i>SG-05-155</i>	<i>15</i>	15	<i>0 58</i>		<i>Sand, same as above finer</i>	<i>5' HB</i>
				16				
				17			<i>EOB 16 Asphalt NO GW NO HA Probes 5'+15'</i>	
				18				
				19				
				20				

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BORING LOG

BORING: **B D43-SSG-06**

DATE(S) DRILLED: **3/14/17**

PAGE **1** OF **2**

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: **7:10**

END TIME: **7:50**

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2.5/2.25**

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **16'**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			Best gravel 0-3'	
					1			st Silty sand, med brown, L.O, SH, NO, MD	
					2				
					3			0 SP Sand, fine to coarse, trace gravel, yellowish brown, L.O, SH, NO, MD	
7:25		SG-06-35			3				
					4				
					5				
					6				
					7				
					8			0 SP Sand, same as above	
7:30		SG-06-85			8				
					9				
					10				

BORING LOG

BORING: B-D43-SSG-06

LOGGED BY: G. Baader

PAGE 2 OF 2

PROJECT NO.: 9836002041

PROJECT ADDRESS 2627 N Hollywood Way, Burbank, CA 91505

PROJECT NAME: Burbank Airport

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				H3
				13				
				14			MC silty sand med cobbles, moist.	DB
7:40		SG-06-155		15			SPS sand, same as above, trace cobbles	SS
				16			ended	SS
				17			EOB 16'	
				18			NO perme	
				19			NO GW	
				20			NO H ₂ O	
							Moved to S of	
							Desmond fence	
							cleared on 3/13	
							Pipes at 5' + 15'	



Engineering, Fire & Environmental Services

BORING LOG

BORING: D-DU1-S-01

DATE(S) DRILLED: 3/7/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 14:48

END TIME: 15:08

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.5/2.25

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16'

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0-3				
					1		SH	Silty sand, dark brown	OK PSI cement
					2				
14:50		S-01-3			3		0 SP	Sand, yellowish brown v. fine to coarse	
					4				
					5				
					6				
					7				
					8		0 SP	Sand med brown same as above coarse	
14:55		S-01-8			9				
					10				

BORING LOG

BORING: *D. Dull 5-01*

LOGGED BY: *G. Baader*


PAGE *2* OF *2*

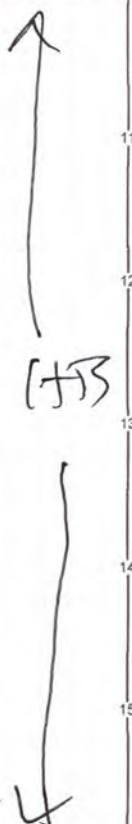
PROJECT NO.: *9836002041*

PROJECT ADDRESS *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				
				14				
<i>12:05</i>		<i>S01-15</i>		15			<i>0 SP Sand, same as above less coarse</i>	
				16			<i>E0316</i>	
				17			<i>NO GU</i>	
				17			<i>NO HA</i>	
				17			<i>NO gravel</i>	
				18				
				19				
				20				



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BORING LOG

BORING: D-DU1-S-02

DATE(S) DRILLED: 3/7/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 10:25

END TIME: 10:40

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.5 12-25

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16'

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					—			All same as D-DU1-S-03	4K
					—				
					—				
					—				
					—				
					—				
					—				
					—				
					—				
					—				
10:30		D-DU1-S-02-3			3		OS		4K
					—				
					—				
					—				
					—				
					—				
					—				
					—				
					—				
					—				
10:32		S02-8			8		OS		4K
					—				
					—				
					—				
					—				
					—				
					—				
					—				
					—				
					—				

BORING LOG

BORING: D-041-S-02

LOGGED BY: G. Baader

PAGE 2 OF 2

PROJECT NO.: 9836002041

PROJECT ADDRESS 2627 N Hollywood Way, Burbank, CA 91505

PROJECT NAME: Burbank Airport

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11				
					12				
					13				
					14				
					15	0	SS		LTD
					16				
					17				
					18				
					19				
					20				

10:38 S-02-15

EOB 16'
NO GRANULE
NO GU
NO HA

LTD

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BORING LOG

BORING: *D-D41-S-03*

DATE(S) DRILLED: *3/7/17*

PAGE *1* OF *2*

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: *9:45*

END TIME: *10:20*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe 660**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: *2.5/2.25*

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: *16'*

PID CAL GAS/DATA: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			<i>No asphalt</i>	<i>4K</i>
					0-3			<i>Base, gravel w/ silty sand</i>	<i>PSI</i>
								<i>dark brown to black,</i>	<i>covered</i>
								<i>dry, vs fine to med. NO, ND</i>	
					1				
					2				
					3				
<i>9:55</i>		<i>S03-3</i>						<i>0 SP Sand, yellowish brown, fine</i>	
								<i>to coarse, 1 to 2, NO, ND,</i>	
								<i>SH</i>	
					4				
					5				
					6				
					7				
					8				
<i>10:02</i>		<i>S03-8</i>						<i>0 SP Sand, " same as above</i>	
								<i>coarse, trace gravel</i>	
					9				
					10				

BORING LOG

BORING: **D.041-S03**

LOGGED BY: **G. Baader**

PAGE **2** OF **2**

PROJECT NO.: **9836002041**

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

PROJECT NAME: **Burbank Airport**

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11				
					12				
					13				
					14				
					15				
					16				
					17				
					18				
					19				
					20				

Handwritten notes in table:

- At depth 15: **10:15 S03-15** (written in SAMPLE ID column)
- At depth 15: **OG Same as above gravel** (written in USCS and LITHOLOGY columns)
- At depth 16: **EOB 16'** (written in LITHOLOGY column)
- At depth 16: **NO GU** (written in LITHOLOGY column)
- At depth 16: **NO HA** (written in LITHOLOGY column)
- At depth 16: **NO pum** (written in LITHOLOGY column)
- At depth 11: **AD** (written in COMPLETION column)

BORING LOG

BORING: *D-D41-S-04*

DATE(S) DRILLED: *3/7/17*

PAGE *1* OF *2*

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: *13:00*

END TIME: *13:20*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: *2.5 (2-25)*

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: *16'*

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			0~3" Base, gravel, asphalt, w/ silty sand, dk brown, clay, the sh, NO, NO	OK PSI Cased
					1			grades	
					2		sh	± silty sand - mod. brown	
					3		0 SP	Sand, yellowish-brown, v. fine to mod, trace gravel, CO & O, sh, NO, NO	
<i>13:05</i>		<i>S-04-3</i>			3				
					4				
					5				
					6				
					7				
					8		0 SP	Sand, same as above	
<i>13:10</i>		<i>S-04-8</i>			8				
					9				
					10				

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13			<i>sh/rl silty sand / sandy silt, mod brown, dense, sh, no, n.d., w/ slight plasticity, mod stiff</i>	<i>HB</i>
				14				
<i>13:15</i>		<i>S045</i>		15	<i>0</i>		<i>sh/rl sand / silty sand, same as above, mod stiff</i>	
		<i>S04</i>		16				
		<i>15</i>		17			<i>EOTB no pinning no HA no GL</i>	
				18				
				19				
				20				

BORING LOG

BORING: *D D11-S-05*

DATE(S) DRILLED: *3/7/17*

PAGE *1* OF *2*

PROJECT NAME: **Burbank Airport**

LOGGED BY: *G. Baader*

START TIME: *12:35*

END TIME: *12:55*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: *Geoprobe 8600*

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: *2.5 / 2.25*

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: *16'*

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0-3'			Base, w/ gravel, silty sand, dry, dark brown, MD, NO, ND	4k psi coarse
					1		SH		↑
					2				
					3				
<i>12:40</i>		<i>S05-3</i>			3		OS	Sand, yellowish-brown, fine to coarse, L to MD, SD, NO, ND	↓
					4				
					5				
					6				
					7				
					8		OS	Sand, same as above coarse	↓
<i>12:45</i>		<i>S05-8</i>			8				
					9				
					10				

BORING LOG

BORING: *D-011-S-05*

LOGGED BY: *G. Baader*

PAGE *2* OF *2*

PROJECT NO: *9836002041*

PROJECT ADDRESS: *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11			<i>ML Silt, low to no plasticity, med. brown, med to stiff, sh, no, nd</i>	↑
					12				
					13				↓
					14				
<i>12:50</i>		<i>SOS-15</i>			15			<i>0 SP Sand, same as above coarse silt, trace gravel</i>	↓
					16				
					17				
					18				
					19				
					20				



Engineering, Fire & Environmental Services

BORING LOG

BORING: *D041-506*

DATE(S) DRILLED: *3/7*

PAGE *1* OF *2*

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: *9:24*

END TIME: *9:40*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: *2.5 / 2.25*

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: *16'*

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0-3"			Asphalt	44
					3"-1.3'			Base w/ gravel, silty sand, dark brown, dk to Sh, kD, NO, ND	851
								med brown	
<i>9:30</i>		<i>S06-3</i>			3'			OSP Sand yellowish brown v. fine to coarse, L to MD, Sh, NO, ND	
					4'				
					5'				<i>173</i>
					6'				
					7'				
<i>9:32</i>		<i>S06-8</i>			8'			OSP Same as above v. fine to med	
					9'				
					10'				

BORING LOG

BORING: D-DU1-S06

LOGGED BY: G. Baader

PAGE 2 OF 2

PROJECT NO: 9836002041

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

PROJECT NAME: Burbank Airport

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				HD
				14				
9:38		S06 15	15	15	058		Sand same as above v. fine to med (almost silty sand)	
				16				
				17			EOB NO EW NO HA asphalt paved	
				18				
				19				
				20				

BORING LOG

BORING: **D041-5-07**

DATE(S) DRILLED: **3/7/17**

PAGE **1** OF **2**

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: **13:28**

END TIME: **13:47**

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **7.5/2-25**

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **16'**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			0-3' base, gravel u/silty sand, sh, no, no, no dis. med brown gran dark brown	46 PSI, concrete
					1				
					2				
13:53		D041-507-3			3	0	SP	Sand/silty sand v. fine to med.	
					4				
					5				
					6				
					7				
13:40		507-8			8	0	SP	Sand v. fine to v. coarse	74.3
					9				
					10				

BORING LOG

BORING: *D-DU1-S-07*

LOGGED BY: *G. Baader*


PAGE ___ OF ___

PROJECT NO.: *9836002041*

PROJECT ADDRESS *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12			<i>fil. silt, med brown, w plast. med. silt.</i>	<i>↑</i>
				13				
				14				
<i>B:45</i>		<i>S07-15</i>		15			<i>DSP Sand / silty sand. v. fine to med.</i>	<i>↓</i>
				16				
				17				
				18				
				19				
				20				

HB

BORING LOG

BORING: **D-041-S-08**

DATE(S) DRILLED: **3/7/17**

PAGE **1** OF **2**

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: **13:50**

END TIME: **14:05**

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2.5 / 2.25**

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **16'**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
13:55		S08-1			1	05H		0-3" Base w/ gravel and silty sand, dark brown	4K BST Collected
13:55		S08-3			3	050		Sand, yellowish brown, coarse gravel, v. fine to med	↑ 43 ↓
					4				
					5				
					6				
					7				
					8	050		Sand, same as above less coarse	
					9				
					10				

BORING LOG

BORING: **D-041-S-08**

LOGGED BY: **G. Baader**

PAGE **2** OF **2**

PROJECT NO.: **9836002041**

PROJECT ADDRESS **2627 N Hollywood Way, Burbank, CA 91505**

PROJECT NAME: **Burbank Airport**

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11				
					12			SH Silty Sand/Sandy silt mod brown, no plasticity NO SH NO	
					13				HB
					14				
14:03		S08-15			15	058		Sand, same as above, trace gravel, yellowish-brown, v. fine to coarse NO, NO, SH, L-HD	
					16			EOB 16' NO GL NO HA NO pavement	
					17				
					18				
					19				
					20				

BORING LOG

BORING: **D-DU1-S-09**

DATE(S) DRILLED: **3/7/17**

PAGE **1** OF **2**

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: **14:10**

END TIME: **14:30**

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2.5 / 2.25**

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **16'**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION	
					—			Same as D-DU1-S-08	4k SI cont L	
					—					
					1					
					—					
					—					
					2					
					—					
					—					
14:13		S09-3			3		0 SHAL silt, nonplastic, loose, no. MP, SM med brn			IFR
					—					
					4					
					—					
					5		SP Sand, yellowish brown, v. fine to coarse			
					—					
					6					
					—					
					7		SP Silty Sand, sandy silt mod. brn			
					—					
14:20		S09-8			8		SP Sand fine to coarse			
					—					
					9					
					—					
					10					

BORING LOG

BORING: *DDU1-S-09*

LOGGED BY: *G. Baader*

PAGE *2* OF *2*

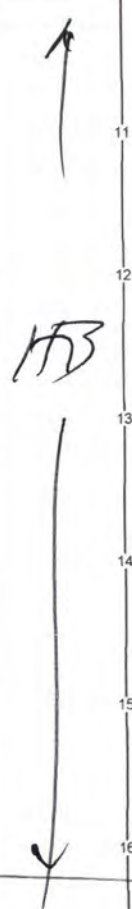
PROJECT NO.: *9836002041*

PROJECT ADDRESS: *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11				
					12				
					13				
					14				
<i>14:25</i>		<i>S09-15</i>			15		<i>0 SP</i>	<i>sand, fine br. waste</i>	
					16				
					17			<i>EOB 16'</i> <i>NO POWELL</i> <i>NO CW</i> <i>NO HA</i>	
					18				
					19				
					20				



BORING LOG

BORING: D-DU1-S-10

DATE(S) DRILLED: 3/7/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 14:35

END TIME: 14:45

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.5 / 2.25

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16'

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			NO-3" base, soovel, dub brush	4K (PS) (over)
14:38		S-10-1			1	0 SP		Sand/sh yellowish-brown, v. fine to med., L to HQ, sh, NO, ND	↑
14:58		S-10-3			3	0 SP		Sand/sh, same as above	
					5				
14:40		S-10-8			8	0 SP		Same as above	↓
					10				

BORING LOG

BORING: *D-D41-S10*

LOGGED BY: *G. Baader*

PAGE *2* OF *2*

PROJECT NO.: *9836002041*

PROJECT ADDRESS *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				
				14				
<i>14:43</i>		<i>S10-15</i>	<i>15</i>	15		<i>0 SP</i>	<i>Sand, same as above with coarse</i>	<i>HP</i>
				16				
				17			<i>EOB 16'</i>	
				18			<i>NO GL</i>	
				19			<i>NO HA</i>	
				20			<i>NO pavement</i>	

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BORING LOG

BORING: D-D41-S-11

DATE(S) DRILLED: 3/7/18

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 9:00

END TIME: 9:22

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe G600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.5 / 2.25

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16'

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				0-3"			Asphalt	4K
				3:1-5'			Exp. gravel, silty sand dry, dark brown to black, loose, NO	OSI locally
9:05		S-11-3		3'		SP	Sand, v. fine to med. yellowish brown, L to MD, SH, NO, ND	HS
				4'				
				5'				
				6'				
				7'				
9:08		S-11-5		8'		OSP	Sand w/ gravel/cobbles? same as above coarse	
				9'				
				10'				

BORING LOG

BORING: *D-041-S-11*

LOGGED BY: *G. Baader*


PAGE *2* OF *2*

PROJECT NO.: *9836002041*

PROJECT ADDRESS *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R/SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				<i>HS</i>
				14				
<i>9:18</i>		<i>S-11-15</i>		15	<i>0</i>	<i>SP</i>	<i>Sand, w/ silt. v. fine to med coarse, yellowish brown. L&H, SH, NO.M</i>	
		<i>S</i>		16			<i>EOB paving asphalt NO GW</i>	
				17				
				18				
				19				
				20				

BORING LOG

BORING: **D-DU1-S-SG-01**

DATE(S) DRILLED: **3/2/17**

PAGE **1** OF **2**

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: **10:55**

END TIME: **11:30**

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2"**

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **16'**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			Base, crushed asphalt w/ silty sand, dark br. black	
					1			SH silty sand, yellowish brown, trace gravel, MD, SH, NO, ND v. fine to med.	
11:05		SG-01 35			3	0	SH		
					4				
					5				
					6				
					7			Sand yellowish-brown v. fine to coarse, trace gravel NO, ND, L to MD, SH	
11:10		SG-01 85			8	0	SP		
					9				
					10				

BORING LOG

BORING: **D-041-5-SG-01**

LOGGED BY: **G. Baader**

PAGE **2** OF **2**

PROJECT NO.: **9836002041**

PROJECT ADDRESS **2627 N Hollywood Way, Burbank, CA 91505**

PROJECT NAME: **Burbank Airport**

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11			<p><u>ML SILT, slight plasticity</u> yellowish-br. - med brown NO, MD, MH, SH</p>	
				12				
				13				
				14				
11:13		SG-01-155		15		Q150	<p>Soil same as above</p>	
				16			<p><u>EOB</u> Probes @ 5' + 15' Shoughed to 15.5' no Bend on bottom</p>	
				17				
				18				
				19				
				20				

BORING LOG

BORING: D-041-S-SG-05-02

DATE(S) DRILLED: 3/2/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 10:05

END TIME: 10:50

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2"


DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16'

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					1			<p>All Bore Same as D-041-S-SG-05</p> 	
					2				
10:24		SG-02-35			3	0	SS		
					4				
					5				
					6				
					7				
10:29		SG-02-85			8	0	SS		
					9				
					10				

BORING LOG

BORING: *D-DU1-S-SG-02*

LOGGED BY: *G. Baader*



PAGE 2 OF 2

PROJECT NO.: **9836002041**

PROJECT ADDRESS **2627 N Hollywood Way, Burbank, CA 91505**

PROJECT NAME: **Burbank Airport**

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION	
				10					
				11					
				12					
				13					
				14					
<i>10:35</i>		<i>SG-02</i> <i>155</i>		15	<i>058</i>				
				16				<p><i>EOTB</i> <i>Collapsed to</i> <i>15.5</i> <i>No Bent below</i> <i>sand</i> <i>no pavement</i> <i>no HR</i> <i>no GW</i> <i>probes to 5' + 15'</i></p>	
				17					
				18					
				19					
				20					

BORING LOG

BORING: **D-DU1-S-SG-03**

DATE(S) DRILLED: **3/2/17**

PAGE **2** OF **1**

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: **8:55**

END TIME: **9:23**

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2"**

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **16'**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				0			0 to 0.5 feet, dark brown w/ silty sand	
				1		SH	Med. brown, v. fine to coarse, NO, SH, NO, NO	
				2				HB
8:58		SG-03-035		3	0	SP	Sand, trace gravel, v. fine to v. coarse, yellowish-brown, L, SH, NO, NO	
				4				HB
				5				
				6				
				7				HB
				8				
9:03		SG-05-085		8	0	SP	Sand same as above, slightly coarse	
				9				
				10				

BORING LOG

BORING: *D-DU1-S-SG-03*

LOGGED BY: *G. Baader*

PAGE *2* OF *2*

PROJECT NO.: *9836002041*

PROJECT ADDRESS: *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				
				14				
<i>9:05</i>		<i>SG-03-155</i>	<i>[hatched]</i>	15		<i>OSB</i>	<i>Sand, same as above less coarse</i>	<i>HB</i> <i>DB</i> <i>[hatched]</i> <i>[hatched]</i>
				16				
				17			<i>EOB</i> <i>NO PA</i> <i>NO Pavement</i> <i>5' and 15 probes</i> <i>NO GW</i> <i>Collapsed @ 15.6 from 16'</i>	
				18			<i>NO Bar on bottom</i>	
				19				
				20				

BORING LOG

BORING: D-D4155504

DATE(S) DRILLED: 3/2/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 8:00

END TIME: 8:51

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2"

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16'

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			~ 0 to 1' crushed base / asph held on top	
					1			dark brown	
					2			med brown	H.B.
8:09		SG-04-035			3	0	SH	Silty sand yellowish brown, L to MD, SH, NO, ND, trace gravel	D.B.
					4				
					5				Sand #3
					6				
					7			ML SILT, no plast., MD, SH, N, ND	
8:13		SG-04-085			8	0	SP	Sand, yellowish brown L to MD, SH, NO, ND, trace gravel	H.B.
					9				
					10				

BORING LOG

BORING: D-DU1-S-SG-04

LOGGED BY: G. Baader

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PROJECT NO.: 9836002041

PROJECT ADDRESS 2627 N Hollywood Way, Burbank, CA 91505

PROJECT NAME: Burbank Airport

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11				
					12				
					13				
					14				
8:26		SG-04-15S			15	08		Sand same as above	Med. Sand
					16				AMB
					17			1" to 1.5' Collapsed at bottom to 15', needed to drill out to 15.5 again	
					18			EOB 16 Feet	
					19			NOHA	
					20			~2" asphalt pavement NO GW	
								5' and 15' probes installed per WP + 1.5' sand	

BORING LOG

BORING: D-D41-S-SG-05

LOGGED BY: G. Baader

PAGE 2 OF 2

PROJECT NO.: 9836002041

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

PROJECT NAME: Burbank Airport

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				
				14				
9:49		SG-05-15		15			0.450 Same as above less loose	
				16				
				17			EOB NO PAVING NO GLW NO HA	
				18			installed probe 5'15"	
				19			0.5' collapse	
				20				

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BORING LOG

BORING: *D-D41-SSG-06*

DATE(S) DRILLED: 3/317

PAGE 1 OF 3

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: *8:45* END TIME: *9:45*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: *2.25"*

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: *26'*

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					—			<i>Base All same as D-D41-S SG-08</i>	
					—				
					—				
					1		<i>RL</i>		
					—				
					—				
					—				
					2				
					—				
					—				
<i>8:57</i>		<i>SG-06-033</i>			3		<i>0.15H/KP</i>		
					—				
					—				
					4				
					—				
					—				
					5		<i>SP</i>		
					—				
					—				
					6				
					—				
					—				
					7				
					—				
					—				
					8		<i>0.5P</i>		
<i>9:03</i>		<i>SG-06-085</i>							
					—				
					—				
					9				
					—				
					—				
					10				

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BORING LOG

BORING: D-DU1-S-SG-06

LOGGED BY: G. Baader

PAGE 2 OF 2

PROJECT NO.: 9836002041

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

PROJECT NAME: Burbank Airport

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				11
				12				12
				13				13
				14				14
9:08		SG-06-155		15		OS		15
				16				16
				17				17
				18				18
				19				19
				20				20

BORING LOG

BORING: D-DU1-SSG-06

LOGGED BY: GD

PAGE 3 OF 3

PROJECT NO.:
PROJECT NAME: 342 AIR

PROJECT ADDRESS

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					20				
					21				
					22				HTB
					23				
					24				DB
					25				DB
9:15		SG-06-25 SG-06-255			25		OSP		
					26				HDZ 4'
					26			EOB 26'	
								NOHA	
					27			NO GW	
								NO PAVING	
					28			sloughed 2"	
					29				
					30				

BORING LOG

BORING: *DDU1-S-SG-07*

DATE(S) DRILLED: 3/3/17

PAGE *1* OF *3*

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: *9:55* END TIME: *11:20*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe 6000**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: *2-25*

DEPTH TO GROUNDWATER: *—*

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: *26*

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					—			<i>Asphalt</i>	
					—			<i>Base gravel / silty sand dk br. / black</i>	
					—			<i>St silty sand, med br. L, Dry, No, ND</i>	
					1				
					—				
					—				
					2				
					—				
					—				
<i>10:00</i>		<i>SG-07 035</i>			3		<i>0.4 SP</i>	<i>Sand, yellowish-brown, L to MD, SR, NO, ND v. fine to coarse, trace gravel</i>	
					—				
					4				
					—				
					5				
					—				
					6				
					—				
					7				
					—				
					8		<i>0.2 SP</i>	<i>Sand same as above</i>	
<i>10:02</i>		<i>SG-07 085</i>			—				
					9				
					—				
					10				

Gravel as all flows

BORING LOG

BORING: *D-D41-S-SG-07*

LOGGED BY: *G. Baader*

PAGE *2* OF *3*

PROJECT NO.: *9836002041*

PROJECT ADDRESS *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11			<i>SH Silty sand, yellowish. brown</i>	
				12			<i>v. fine to med</i>	
				13			<i>MD, SH, MO, ND</i>	
				14				
<i>10:18</i>		<i>SG07-155</i>		15		<i>0 SP</i>	<i>Sand, same as above</i>	
				16				
				17				
				18				
				19			<i>SP Sand same as above</i>	
				20				

same as all others

BORING LOG

BORING: D-DU1-5-SG-07

LOGGED BY: **GIS**

PAGE **3** OF **3**

PROJECT NO.:
PROJECT NAME: **BUR AIR**

PROJECT ADDRESS

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					20				
							SP	Sand, same as above	
					21				
									HB
					22				
					23				
					24				HB
10:55		SG-07-255			25		0 SH	Silt, sand, med. brown v. fine to coarse, trace gravel, Md, Sh, No, Mo	HB
					26				Slough
								EOD asphalt paving	
					27			NOHN	
								NOGW	
					28				
					29				
					30				

BORING LOG

BORING: D-DU1-55G-08

DATE(S) DRILLED: 3/3/17

PAGE 1 OF 3

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 7:05

END TIME: 8:40

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.25"

DEPTH TO GROUNDWATER:

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 26'

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			Box, crushed asphalt w/ silt sand dark brown	
					1		ML	Silt, med brown, soft, slight plasticity, SH, NO, ND	
					2				
7:20		SG-08-035			3		SH	Silty sand, yellowish brown, L to MD, SM, NO, ND, v. fine to med.	Same as others
					4				
					5		SP		
					6				
					7				
7:25		SG-08-085			8		SP	Sand w/ silt, trace gravel, v. fine to coarse, L to MD, SH, NO, ND	
					9				
					10				

BORING LOG

BORING: D-DU1-SSG 68

LOGGED BY: G. Baader

PAGE 2 OF 3

PROJECT NO: 9836002041

PROJECT ADDRESS 2627 N Hollywood Way, Burbank, CA 91505

PROJECT NAME: Burbank Airport

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11				
					12				
					13				
					14				
7:42		ES-08-155			15		SP	Sand, yellow to br, fine to v. coarse, trace gravel, silt, L to MD, sh, NO, MD	Same as others
					16				
					17				
					18				
					19				
					20				

BORING LOG

BORING: D-DU1-S-SG-08

LOGGED BY: G.B

PAGE 3 OF 3

PROJECT NO.:
PROJECT NAME: BURZ AIR

PROJECT ADDRESS

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION	
					20					
					21					
					22				14B	
					23					
					24				DB	
7:55		SG-08-255			25		SP			
					26				6" HB	
					27				<p>COB NO HA NO CW</p>	
					28					
					29					
					30					

BORING LOG

BORING: D-DU15-SG-09

DATE(S) DRILLED: 3/2/17

PAGE 1 OF 3

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 14:20

END TIME: 16:45

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe

PROJECT NO.: 9836002041

BOREHOLE DIAMETER:

DEPTH TO GROUNDWATER:

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 25.5

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			Base, crushed asphalt, black, sticky dark brown	
					1			Sh silty sand, med brown hd, sh, no, nd	
					2				HB
14:30		SG-09-03			3		0 SP	Sand, v. fine to coarse med. brown, hd, sh, no, nd	DB
					4				#3
					5				
					6				HB
					7				
14:50		SG-09-08			8		0 SP	Sand fine to coarse yellowish brown Same as above	
					9				
					10				

EFI Global

Engineering, Fire &
Environmental Services

BORING LOG

BORING: D-DU15-SG-09

LOGGED BY: G. Baader

PAGE 2 OF 3

PROJECT NO: 9836002041

PROJECT ADDRESS 2627 N Hollywood Way, Burbank, CA 91505

PROJECT NAME Burbank Airport

NOTES:

Refusal at 4' first hole, stepped over 1.5 feet
N. Refusal at 21', stepped over 1.5. W.
Refusal at 17'

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				DB
				13				
				14				DB
				15				#3
14:58		SG-09 15'				0 SP	Sand, same as 8'	
				16				
				17				HB
				18				
				19				
				20			rocks very dense (VD)	

BORING LOG

BORING: *D-DU1-SSG-09*

LOGGED BY: *GB*

PAGE *3* OF *3*

PROJECT NO.:

PROJECT NAME: *B. Air*

PROJECT ADDRESS:

2027N. Holly wood way

NOTES:

Collapsed at 23, went down w/ thinner tool to check if we can go to 25' for probe.

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					20				
					21				
					22	<i>SP</i>		<i>Same as above course w/ rocks/cobbles? VD</i>	<i>DB</i>
					23				
					24				<i>DB</i>
<i>16:10</i>		<i>SS-09-25'</i>			25	<i>0 SP</i>		<i>Same as above very course, VD</i>	<i>#3</i>
					26			<i>DB</i> <i>Collapsed to 23' Redrilled to 25.5' Set 25', 15', 5' probes</i>	
					27				
					28				
					29				
					30				

BORING LOG

BORING: D-D42-S-01

DATE(S) DRILLED: 3/9/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 8:50

END TIME: 9:45

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.5/2.25

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16'

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			0-2.5/3" Asphalt/gravel	
					1			sh, dark brown, very fine	
					2				
					3			Silty sand / sandy silt,	
8:55		S-01-3			3	0	SH / ML	v. fine to med, med-brown	
					4			SH, MD, NO, ND	
					5				
					6			grader d	
					7				
					8			SP Sand, v. fine to med	
9:05		S-01-8			8	0		yellowish brown, 2 to 4% sh,	
					9			NO, ND	
					10				

BORING LOG

BORING: *D-D42-S-01*

LOGGED BY: *G. Baader*


PAGE *2* OF *2*

PROJECT NO.: *9836002041*

PROJECT ADDRESS *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				
				14				
<i>4:30</i>		<i>S01-15</i>		15			<i>SP Sand. Same as above coarse</i>	
				16			<i>EOB 16'</i>	
				17			<i>NO GL</i>	
				18			<i>NO HA</i>	
				19			<i>Asphalt</i>	
				20				



BORING LOG

BORING: **D042-S-02**

DATE(S) DRILLED: **3/9/17**

PAGE **1** OF **2**

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: **10:35**

END TIME:

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2.5/2.25**

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **16'**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0-3'			Asphalt	4k PSI Coarse
					1		SP	Silt Sand, med brown, v. fine to fine, RD, SP	4 ↓
					2				
					3		0 SP	Sand, v. fine to coarse, yellow, brown, RD, SP, NO, MD	4 ↓
					4				
					5				
					6				4 ↓
					7				
					8		0 SP	Sand, same as above coarse	4 ↓
					9				
					10				

D45

S02-3

10:50

S02-8

BORING LOG

BORING: D-DU2-S02

LOGGED BY: G. Baader

PAGE 2 OF 2

PROJECT NO.: 9836002041

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

PROJECT NAME: Burbank Airport

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11			Sh Silty Sand, same as above	↑
				12				
				13				AS
				14				
2.5		S-02-15		15			SP Sand, same as above	↓
				16			EOR 16'	
				17			NOHA	
				18			NO GW	
				19			asphal	
				20				



Engineering, Fire & Environmental Services

BORING LOG

BORING: D.D42-S-03

DATE(S) DRILLED: 3/9/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 10:00

END TIME: 10:30

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe 660

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.5 / 2.25

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16'

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			0-3" Asphalt, gravel 3-5" sh dry, gray	42e PSI covered
					1				↑
					2			sh silty sand, med brown, v. fine to fine, L.O, SH, NO, ND	
10:05		S-03-3			3	0	SP	Sand, yellowish brown, fine to coarse, L.O, SH, NO, ND	
					4				↓
					5				
					6				
					7				↓
					8				
10:10		S-03-8			8	0	SP	Sand, same as above coarse	
					9				↓
					10				

BORING LOG

BORING: DDU2-S-03

LOGGED BY: G. Baader

PAGE 2 OF 2

PROJECT NO.: 9836002041

PROJECT ADDRESS 2627 N Hollywood Way, Burbank, CA 91505

PROJECT NAME: Burbank Airport

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				
				14				
10:15		S-03-15		15			0.50' Sand same as above, loose	
				16				
				17			EOB 16' NO HA NO GW Asphalt	
				18				
				19				
				20				

↑

H3

↓

BORING LOG

BORING: D-D42-S-04

DATE(S) DRILLED: 3/9/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 7:45 END TIME: 8:45

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.5/2.25

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16'

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			~0 ~ 25 to 3" Asphalt	Asphalt asphalt patch
					1			~3 to 5" base, gravel, dk sh	4K (SI) coarse
					2		SS	Sand, yellowish brown/tan, fine to coarse, Ls NO, SH, NO, MD	↑
7:55		S-04-3			3	1.2			
					4		SH/Silty Sand, med brown, v. fine to fine, L, SH, NO, MD		
					5		SS	Sand, same as above	↓
					6				
					7				
8:00		S-04-8			8	0.1			
					9				
					10				

BORING LOG

BORING: *D-D42-S04*

LOGGED BY: *G. Baader*


PAGE *2* OF *2*

PROJECT NO.: *9836002041*

PROJECT ADDRESS *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				<i>HTB</i>
				14			<i>ML Silt w/ sand, med brown, yellow, low to no plastic</i>	
<i>8-8</i>		<i>S-04-15</i>		15	<i>0</i>			
				16			<i>EOB 16'</i>	
				17			<i>NO GU</i>	
				18			<i>NO AA</i>	
				19			<i>asphalt</i>	
				20				

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Engineering, Fire & Environmental Services

BORING LOG

BORING: D-DU 2-5-05

DATE(S) DRILLED: 3/10/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 7:05

END TIME: 7:45

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.5 / 2.25

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16'

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			NO-3" Asphalt	
					1			NO-6" Base, gravel w/ sandy silt, dark brown	
					2			Grades to med brown SH, LD, NO, MD	
					3		OSD	Sand, fine to v. coarse, loc gravel, yellowish-brown, tan, SH, LD, NO, MD	
7:20	505	3			4				
					5				
					6				
					7				
					8		OSD	Sand, same as above loc gravel	
7:25	505	8			9				
					10				

4' concrete same
PSI concrete same



HF3



BORING LOG

BORING: *D-DU2-5-05*

LOGGED BY: *G. Baader*


PAGE *2* OF *2*

PROJECT NO: *9836002041*

PROJECT ADDRESS *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				<i>143</i>
				14				
<i>7:37</i>		<i>S05-15</i>		15			<i>0 SP Sand, samms above</i>	
				16			<i>EOD 16'</i>	
				17			<i>NO HA</i>	
				18			<i>NO GL</i>	
				19			<i>Asphalt</i>	
				20				

EFI Global

Engineering, Fire & Environmental Services

BORING LOG

BORING: *D-D42-S-06*

DATE(S) DRILLED: *3/8/17*

PAGE *1* OF *2*

PROJECT NAME: **Burbank Airport**

LOGGED BY: *G. Baader*

START TIME: *14:45*

END TIME: *15:10*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: *2.5/2.25*

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: *16'*

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				0-3"			Asphalt	
				3-6"			base, gravel, silty sand/sand	<i>4h</i>
							v. fine, powdery, gray	<i>PS1</i>
							silty sand, med brown	<i>core</i>
<i>14:50</i>		<i>S063</i>				<i>0 SP</i>	Sand, yellowish-brown base gravel, v. fine to coarse, L to D, sh, no, md	
<i>14:55</i>		<i>S068</i>				<i>0 SP</i>	Sand, same as above coarse	

split

HTD

BORING LOG

BORING: *D-DUR-S-06*

LOGGED BY: *G. Baader*

PAGE *2* OF *2*

PROJECT NO.: *9836002041*

PROJECT ADDRESS *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				
				14				
<i>15:00</i>		<i>S-0615</i>	<i>✓</i>	15			<i>USP Sand, Same as above fine grained</i>	<i>AS</i>
				16				
				17			<i>SOB 16' NOHA NO GL asphalt</i>	
				18				
				19				
				20				

BORING LOG

BORING: D-042-5-07

DATE(S) DRILLED:

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 9:35

END TIME: 9:45

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: ~2.5 / 2.25

DEPTH TO GROUNDWATER: -

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16'

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0-3'			crushed asphalt	4k PSI concrete
					1				
					2				
					3				
9:30		S-07-3.5'			4		NA SP	Sand, v. fine to med. yellowish-brown, L to MD, ST, NO, ND	
					5				
					6		ST	Silty Sand, med-brown, v. fine to med. L to MD, ST, NO, ND.	H B
					7				
9:35		S-07-			8		0.25 SP	Sand same as above	
					9			water	
					10				

BORING LOG

BORING: D-042-S-07

LOGGED BY: G. Baader

PAGE 2 OF 2

PROJECT NO.: 9836002041

PROJECT ADDRESS 2627 N Hollywood Way, Burbank, CA 91505

PROJECT NAME: Burbank Airport

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11				
					12				
					13				
					14				
9:42		S07-15			15	0.3	SP	Sand, same as at 3.5'	
					16				
					17			EOB NO HA. NGW No Demand	
					18				
					19				
					20				

M
H



BORING LOG

BORING: *DDU 7-5-08*

DATE(S) DRILLED: *3/10/17*

PAGE *1* OF *2*

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: *10:45*

END TIME:

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: *2.5 / 2.25*

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: *16'*

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: *HA 5'* Acetate sleeve / *got as*

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			<i>2" Base, crushed asphalt</i>	<i>4k</i>
<i>10:45</i>		<i>S08-1</i>	<i>1</i>	<i>1</i>	1	<i>0</i>	<i>SH</i>	<i>Silty Sand, med brown, v. fine to med, trace gravel, NO, NO, 15% (b/d)</i>	<i>PSI work</i>
<i>11:03</i>		<i>S08-3</i>	<i>3</i>	<i>3</i>	3	<i>0</i>	<i>SP</i>	<i>Sand, yellowish-brown, v. fine to med, trace gravel, 10% (b/d), SH, NO, NO</i>	<i>43</i>
<i>11:15</i>		<i>S08-8</i>	<i>8</i>	<i>8</i>	8	<i>0</i>	<i>SP</i>	<i>Sand, same as above</i>	

BORING LOG

BORING: *D-DUZ S-08*

LOGGED BY: *G. Baader*

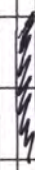
PAGE *2* OF *2*

PROJECT NO.: *9836002041*

PROJECT ADDRESS: *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				±10				
				-11				
				-12				
				-13				
				-14				
<i>11:20</i>		<i>S-08-15</i>		-15	<i>B</i>		<i>SP Sand, same as above</i>	
				-16				
				-17			<i>EOB 16'</i>	
				-18			<i>HA to 5'</i>	
				-19			<i>NO CL</i>	
				-20			<i>NO panning w probes</i>	



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BORING LOG

BORING: D-D42-S-09

DATE(S) DRILLED: 3/6/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 14:00

END TIME: 14:18

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2"

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16'

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			0-6" Base	4k PSI concrete
14:05		S09-1			1	0	SH	silty sand	↑
					2				HB
14:05		S09-3			3	0	SH	sand	
					4				
					5				
					6				
					7			HL silt	
14:08		S09-8			8	0	SH	sand	
					9				
					10				

BORING LOG

BORING: D-042-S-09

LOGGED BY: *EB*

PAGE 2 OF 2

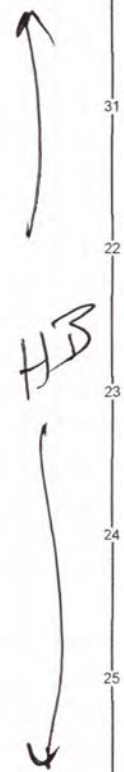
PROJECT NO.:
PROJECT NAME: *B4R A10*

PROJECT ADDRESS

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
------	----	-----------	---	----	-------	-----	------	-----------	------------

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					<i>10²⁰</i>				
					<i>11</i>				
					<i>21</i>				
					<i>12</i>				
					<i>22</i>				
					<i>13</i>				
					<i>23</i>				
					<i>14</i>				
					<i>24</i>				
<i>14:13</i>		<i>S-09-15</i>	<i>1</i>	<i>15</i>	<i>25</i>		<i>US Sand</i>		
					<i>16</i>				
					<i>26</i>				
					<i>17</i>				
					<i>27</i>			<i>EOB No GW No HA</i>	
					<i>18</i>				
					<i>28</i>				
					<i>19</i>				
					<i>29</i>				
					<i>20</i>				



BORING LOG

BORING: D-DU2-S-10

DATE(S) DRILLED:

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 9:50

END TIME: 10:15

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe

PROJECT NO.: 9836002041

BOREHOLE DIAMETER:

DEPTH TO GROUNDWATER:

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH:

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			0-3" mixed asphalt w/ silty sand, dark brown to black, clay, loose, no	46 PSI
					1				
					2				
9:55		S-10-3			3		0.458	Sand, yellowish-brown, v. fine to med., 4 to 80, sh, no, md	
10:03					4				
					5				
					6				
					7				
					8		0.758	Sand same as above	
10:06		S-10-8			8				
					9				
					10				

BORING LOG

BORING: D-De 2-5-10

LOGGED BY: G. Baader

PAGE 2 OF 2

PROJECT NO: 9836002041

PROJECT ADDRESS 2627 N Hollywood Way, Burbank, CA 91505

PROJECT NAME: Burbank Airport

NOTES:

TIME	BC	SAMPLE ID	R/SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				
				14				
10:12		SN-5		15		0.7 SP	Sand, same as above	
				16				
				17			EOB NO HA NO GW NO PAVEMENT	
				18				
				19				
				20				



BORING LOG

BORING: *D-012-SG-01*

DATE(S) DRILLED: *3/9/17*

PAGE *1* OF *3*

PROJECT NAME: **Burbank Airport**

LOGGED BY: *G. Baader*

START TIME: *12:15*

END TIME: *13:00*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe 600**

PROJECT NO.: **9836002041**

BORING DIAMETER: *2.5 / 2.25*

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: *26'*

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			0-3" Asphalt	
					1			3-4" Gravel	
					2			SP Silty sand, dark brown	
					3			SP Sand, yellowish-brown tan, v. fine to coarse, LO, PO - NO, ND	
					4				DB
					5				Sand
					6				
					7				HTB
					8				
					9			SP Silty sand, med brown, v. fine to med, SH, PO, NO, ND	
					10			SP Sand, same as above coarse	

BORING LOG

BORING: D-042-SG-01

LOGGED BY: G. Baader

PAGE 2 OF 3

PROJECT NO.: 9836002041

PROJECT ADDRESS 2627 N Hollywood Way, Burbank, CA 91505

PROJECT NAME: Burbank Airport

NOTES:

TIME	BC	SAMPLE ID	R/SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION	
				10					
							SP Sand		
				11					
				12					
				13					
				14					
				15					
				16					
				17					
				18					
				19					
				20					

Handwritten 'R/SI' notes in the R/SI column.

Handwritten 'O e' in the USCS column at depth 15.

Handwritten completion notes including 'H3', 'DB', and 'Sand' with diagonal hatching in the COMPLETION column.

BORING LOG

BORING: D-D42-S6-01

LOGGED BY: GB

PAGE 3 OF 3

PROJECT NO.:
PROJECT NAME: B42 AIR

PROJECT ADDRESS

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION	
			2		20		SP	Sand same as above course		
					21					
					22					
					23					
					24					
					25	0				
					26		Shogho			
					27		TOP 26' NOHA NOGU Asphalt			
					28		probos at 5' / 15' / 25'			
					29					
					30					

BORING LOG

BORING: D-DU2-SG-02

DATE(S) DRILLED: 3/3/17

PAGE 1 OF 3

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 11:30

END TIME: 12:58 (minus 5 mins)

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.25"

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 25.5

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
11:35					—			Base, gravel w/ silt & sand dark brown/black	
					-1-		SP	Sand, yellowish brown, h. fine to v. coarse, trace gravel L, sh, NO, ND	
					-2-				
					-3-				HB
					-4-				DB
					-5-				SP
					-6-				
					-7-				HB
					-8-		SP	Refract on rock. Drilled through	
					-9-			Sand, same as above color change to gray brown between 8 and 9 feet	
					-10-				

BORING LOG

BORING: *D-D42-5602*

LOGGED BY: *G. Baader*

PAGE *2* OF *3*

PROJECT NO.: *9836002041*

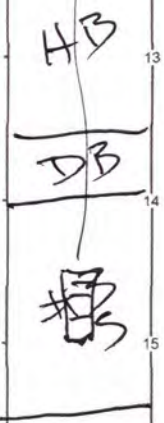
PROJECT ADDRESS *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
			✓		10		<i>SP</i>	<i>Sand, same as above</i>	
			✓		11			<i>yellowish brown</i>	
<i>11:54</i>			✓		12				
<i>12:01</i>			✓		13		<i>SP</i>	<i>Sand, same as above</i>	<i>HB</i>
			✓		14				<i>DB</i>
			✓		15				<i>[Symbol]</i>
<i>12:10</i>			✓		16				
			✓		17				
			✓		18		<i>SP</i>	<i>Sand same as above</i>	
			✓		19				
			✓		20				

[Handwritten mark]



BORING LOG

BORING: D-D42-SG-02

LOGGED BY: GB

PAGE 3 OF 3

PROJECT NO.: 348 AIR

PROJECT ADDRESS

NOTES:

Very difficult drilling, hitting cobbles. hole caved after installing 25' probe, Drilled to 15.5 and 1' SE.

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
12:30					20				
					21				
					22			SP Sand, same as above slightly coarser	HB
12:36					23			w/ cobbles	
					24				DB
					25				#3
					26			EDB NOHA NOGW No measurement probes at 5, 15, 25'	
					27				
					28			1. hole collapsed after 25' was set from 16' to 3' bgs backfilled w/ HB to grade drilled 2nd hole. Set 5+15' probes as all others	
					29				
					30				

BORING LOG

BORING: D-D42-556-01

DATE(S) DRILLED: 3/2

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 7:10

END TIME: 7:45

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2"

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16'

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					1			Base / gravel w/ asphalt silty sand, dark brown to black, v. fine to v. coarse, MD, SH, NO, black discolored	
					2				
7:16		SG-01-			3	0.2	SH	Silty sand, v. fine to coarse, yellow-brown, MD, SH, NO, ND	
					4		SP	Sand, yellowish brown fine to coarse, trace gravel, L to MD, SH, NO, ND	
					5			Same as previous 1.5' sand	
					6				
					7				
7:20					8	0.2		Same as above slightly coarse	
					9			Same as above slightly coarse	
					10				

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11		<i>SP</i>		
					12				
					13				
					14		<i>SP</i>		<i>Day Best</i>
<i>7:30</i>					15		<i>0.2</i>	<i>Same as above at 3'</i>	<i>Sand Gravel #3</i>
					16				<i>Hydr. Best</i>
					17			<i>EOB NO HA NO PAVEMENT NO GW 5' and 15' probes</i>	
					18				
					19				
					20				

BORING LOG

BORING: D-DU2-S-SG-02

DATE(S) DRILLED: 3/8/17

PAGE 2 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 15:15

END TIME: 16:00 15:45

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO: 9836002041

BOREHOLE DIAMETER: 2.5 / 2.25

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16'

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				0			0.3" Asphalt	
				0-5			3-5" Base, 4 gravel, silty sand, gray, loose, dry, NO, NP	
				1				
				2				
15:10		SG-02 35		3		0 SP	Sand, yellowish-brown, v. fine to med, L-to MD, sh, NO, NP	
				4				
				5				
				6				
				7				
15:15		SG-02-20-85		8		0 SP	Sand, same as above coarse	
				9				
				10				

BORING LOG

BORING: *D-DU2-S-SG-02*

LOGGED BY: *G. Baader*

PAGE *2* OF *2*

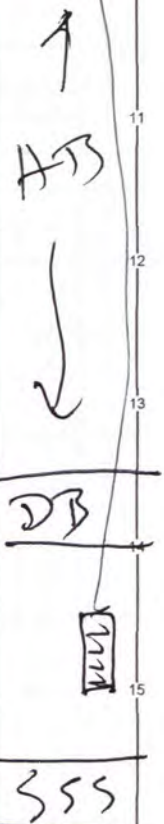
PROJECT NO.: *9836002041*

PROJECT ADDRESS *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				
				14				
<i>15:30</i>		<i>SG-02-15S</i>	<i>h</i>	15		<i>0 SP Sand, same as above less coarse</i>	<i>sloughed</i>	<i>SSS</i>
				16				
				17			<i>EBB 16'</i>	
				18			<i>NO GU</i>	
				19			<i>NO HA</i>	
				20			<i>Asphalt</i>	



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BORING LOG

BORING: **D47-S-SG-03**

DATE(S) DRILLED: **3/19/17**

PAGE **1** OF **2**

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: **9:20**

END TIME: **10:00**

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2.5 / 2.25**

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **16'**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0-3"			Asphalt	
					3-6"			Base, gravel w/ 8.0% sand, dark gray	
					1				
					2				
9:28		SG-03-35			3	0	SP	Sand, yellowish-brown/tan, v. fine to coarse, trace gravel	
					4				
					5				
					6				
					7				
9:30		SG-03-85			8	0	SP	Sand, same as above, coarse	
					9				
					10				

HB

DB

#3 Sand

HB

BORING LOG

BORING: *D-DU7-SSG-03*

LOGGED BY: *G. Baader*

PAGE *2* OF *2*

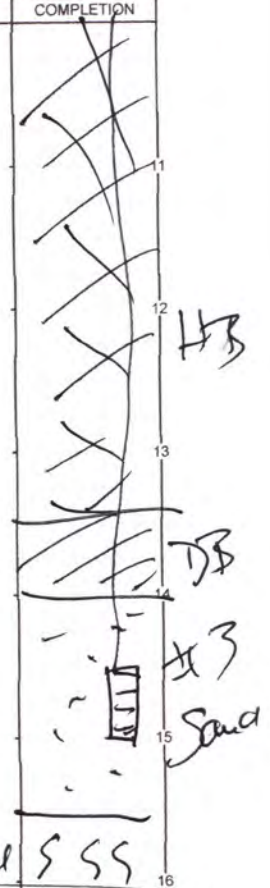
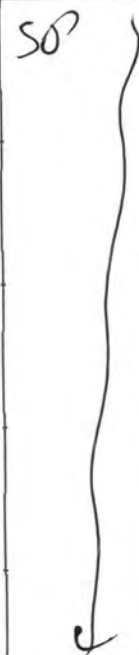
PROJECT NO: *9836002041*

PROJECT ADDRESS: *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11				
					12				
					13				
					14				
<i>9:35</i>		<i>SG-03 155</i>	<i>1</i>	<i>1</i>	15		<i>SP</i>	<i>Sand, same as above, finer, trace gravel</i>	<i>SS</i>
					16			<i>stagnant</i>	
					17				
					18				
					19				
					20				



EOB 16'
NO HA
NO GV
Probes set at 5', 15'

BORING LOG

BORING: *D-DU25-SG-04*

DATE(S) DRILLED: *3/10/17*

PAGE *1* OF *2*

PROJECT NAME: **Burbank Airport**

LOGGED BY: *G. Baader*

START TIME: *8:42*

END TIME: *9:10*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe 6800**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: *2.5/2.25*

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: *16'*

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					1			<i>0-3" Asphalt</i>	<input checked="" type="checkbox"/>
					2			<i>-3-5" Base, gravel w/ silty sand, dry, loose, dark gray</i>	<input checked="" type="checkbox"/>
<i>8:46</i>		<i>SG-04-35</i>	<input checked="" type="checkbox"/>		3		<i>0.1 SP</i>	<i>Sand, yellowish brown/tan, v. fine to coarse, trace gravel, L & RD, SP, NO, MD</i>	<input checked="" type="checkbox"/>
					4				<input checked="" type="checkbox"/>
					5				<input checked="" type="checkbox"/>
					6				<input checked="" type="checkbox"/>
					7				<input checked="" type="checkbox"/>
<i>8:48</i>		<i>SG-04-85</i>	<input checked="" type="checkbox"/>		8		<i>0.5 SP</i>	<i>Sand, same as above coarse</i>	<input checked="" type="checkbox"/>
					9				<input checked="" type="checkbox"/>
					10				<input checked="" type="checkbox"/>

HB

DB

#3 Sand

AB

BORING LOG

BORING: *D042-SSG 04*

LOGGED BY: *G. Baader*

PAGE *2* OF *2*

PROJECT NO.: *9836002041*

PROJECT ADDRESS: *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R/SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				<i>HB</i>
				13				
				14				<i>DB</i>
<i>9:00</i>		<i>SG04-155</i>	<i>SI</i>	15		<i>0.158</i>	<i>Sand, same as above fine</i>	<i>SS</i>
				16			<i>stayed</i>	
				17			<i>EOB 16'</i>	
				18			<i>NO GL</i>	
				19			<i>NO HA</i>	
				20			<i>Probes set at 5', 15'</i>	

BORING LOG

BORING: D-DU2-S-SG-05

LOGGED BY: G. Baader

PAGE 2 OF 3

PROJECT NO.: 9836002041

PROJECT ADDRESS 2627 N Hollywood Way, Burbank, CA 91505

PROJECT NAME: Burbank Airport

NOTES:

TIME	BC	SAMPLE ID	R/SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				

Second
borehole

0 80 Sand, same as above

SG-05
135

135

15:20

SG-05
185

*3
Sand

BORING LOG

BORING: D-D42-SSG-05

LOGGED BY: GB

PAGE 3 OF 5

PROJECT NO.:
PROJECT NAME: AIR BURB

PROJECT ADDRESS

NOTES:

TIME	BC	SAMPLE ID	R/SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION	
				20			Sand, same as above		
				21					
				22					
				23					
				24					
				25					
15:48		SG05-255		25	0.6				
				26					
				27					
				28					
				29					
				30					
							<p>EB 25.5</p> <p>NOHA</p> <p>NOGL</p> <p>NO PAVING</p> <p>Probes at 5', 15', 25'</p> <p>5' + 15' probes in second boring due to collapse between 17' + 11' bgs</p> <p>HB from 23.5 to 17'</p> <p>slough from 17' to 11'</p> <p>HB from 11' to 0 bgs</p>		

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BORING LOG

BORING: *DPU2-S56-06*

DATE(S) DRILLED: *3/6/17*

PAGE *1* OF *3*

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: *8:15* END TIME: *9:20*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: *~2.5" / 2.25"* DEPTH TO GROUNDWATER: *—*

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: *26'*

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					—			<i>Crusted asphalt w/ silty sand, dark brown to black</i>	
					—				
					—				
<i>8:26</i>		<i>SG-06-35</i>			—		<i>0.4 SP</i>	<i>Sand, yellowish-brown, v. fine to med. Ld to MD, Sh, N^o, MD</i>	<i>Same as other</i>
					—				
					—				
					—				
					—				
					—				
					—				
					—				
					—				
<i>8:27</i>		<i>SG-06-85</i>			—		<i>0.35 SP</i>	<i>Sand, same as above v. fine to v. coarse, trace gravel</i>	
					—				
					—				
					—				
					—				
					—				
					—				
					—				
					—				
					—				



Engineering, Fire & Environmental Services

BORING LOG

BORING: *D-042-S-SG-06*

LOGGED BY: *G. Baader*

PAGE *2* OF *3*

PROJECT NO.: *9836002041*

PROJECT ADDRESS *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				
				14				
<i>8:35</i>		<i>SG-06-155</i>	<i>[shaded]</i>	15	<i>1.050</i>		<i>Sand, same as above, less coarse</i>	<i>Screen as others</i>
				16				
				17				
				18				
				19				
				20				

BORING LOG

BORING: DD47-S-56-08

LOGGED BY: G.B.

PAGE 3 OF 3

PROJECT NO.:
PROJECT NAME: BUR AIR

PROJECT ADDRESS

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					20				
					-21				
					-22				
					-23				HB
					-24				DB
8:43		96-06-255			-25	0.550		Sand, trace gravel, same as above	*3' : *3' : *3' : *3' :
					-26			sloughed	
					-27			EOB NO HA NO GL NO Pavement	
					-28			Ed probes at 5', 15', 25'	
					-29				
					-30				

BORING LOG

BORING: *D042-S-5607*

DATE(S) DRILLED: *3/6/17*

PAGE 1 OF 3

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: *7:10*

END TIME: *8:10*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: *2.5" / 2.25" core*

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**


TERMINAL DEPTH: *26'*

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			0-3" crushed asphalt	
					1		ST	Silty Sand, med brown MD, SH, NO, ND, v. fine to med.	
					2		ST	Silty Sand, yellow, brown Same as above	
<i>7:29</i>		<i>SG07-35</i>			3	<i>0.6</i>	SP	Sand, trace gravel Yellow, brown, fine to v. coarse L to ND, SH, NO, MD	<i>Same as above.</i>
					4				
					5				
					6				
					7				
					8		<i>0.3</i> SP	Sand, trace gravel Same as above	
<i>7:33</i>		<i>SG07-85</i>			9				
					10				

NOTES:

TIME	BC	SAMPLE ID	R/SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				
				14				
7:45		SG07-155		15	0.3	SP	trace Sand w/ gravel same as above	Same as others
				16				
				17				
				18				
				19				
				20				

fin silt, yellowish-br., no plasticity.
to low plast., soft, no. MP

Same as others

BORING LOG

BORING: D-D42-S-SG-07



LOGGED BY: GB

PAGE 3 OF 3

PROJECT NO.:
PROJECT NAME: BGR AIRC

PROJECT ADDRESS

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				20				
				21				
				22				
								HS
				23				
				24				DB
								+S
7:52		EG-07-255		25	0.75		Sand, w/ gravel same as above	
								HS
				26				
				27			EOB NO HA NGL, N permeant Installed at 5', 15', 25'	
				28				
				29				
				30				

BORING LOG

BORING: *D-042-S-SG-08*

DATE(S) DRILLED: *3/9/17*

PAGE *1* OF *3*

PROJECT NAME: **Burbank Airport**

LOGGED BY: *G. Baader*

START TIME: *13:05*

END TIME: *14:10*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: *2.5 / 2.25*

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH:

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			<i>0-3" Asphalt</i>	
					1			<i>3-5" Base & gravel</i>	
					1			<i>SH Silty Sand, med. brown, v. fine</i>	
					2				
					3				
<i>13:15</i>		<i>SG-08-385</i>			3		<i>0.1 SP</i>	<i>Sand, yellowish-brown, fine to coarse, L-MD, SH, NO, MD</i>	
					4				
					5				
					6				
					7				
					8				
<i>13:20</i>		<i>SG-08-85</i>			8		<i>0 SP</i>	<i>Sand, same as above</i>	
					9				
					10				

HTD

DB

Sand #3

DB

BORING LOG

BORING: *D-042-S-SG-05*

LOGGED BY: *G. Baader*

PAGE *2* OF *3*

PROJECT NO: *9836002041*

PROJECT ADDRESS *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:


TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10			<i>SH Silty Sand, same as above</i>	
				11				<i>AS</i>
				12				
				13				
				14				<i>AS</i>
<i>13:40</i>		<i>SG-08-155</i>		15	<i>0</i>	<i>SP</i>	<i>Sand, same as above, trace gravel, coarse</i>	<i>AS</i>
				16				
				17				<i>AS</i>
				18				
				19				
				20				

PROJECT NO.:

PROJECT ADDRESS:

PROJECT NAME:

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					20				
					21				
					22				
					23				
					24				
13:50		SG-08 ZSS			25	0	SP	Sand, same as above trace gravel	 #3 Sand
					26			ended 532	
					27			EOB 26' NO HA NO GU Asphalt	
					28			Probes 5, 15, 25'	
					29				
					30				

BORING LOG

BORING: *DDU2556-09*

DATE(S) DRILLED: *3/9/17*

PAGE *1* OF *3*

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: *14:20*

END TIME: *15:20*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER:

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: *26'*

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0-3"			<i>Asphalt</i>	
					0-5"			<i>Gravel, silty sand, dark sand, med brown ~ 6"</i>	
					1				
					2				
<i>14:23</i>		<i>SG-09-35</i>			3	<i>0</i>	<i>SP</i>	<i>Sand, yellowish-brown/tan, v. fine to very coarse, trace gravel, L to MD, SP, NO, ND</i>	
					4				
					5				
					6				
					7				
<i>14:27</i>		<i>SG-09-85</i>			8	<i>0</i>	<i>SP</i>	<i>Sand, same as above</i>	
					9				
					10				

AB

AB

AB

EFI Global 

Engineering, Fire &
Environmental Services

BORING LOG

BORING: D-DU25-SG09

LOGGED BY: G. Baader


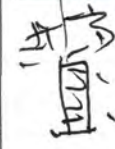
PAGE 2 OF 3

PROJECT NO.: 9836002041

PROJECT ADDRESS 2627 N Hollywood Way, Burbank, CA 91505

PROJECT NAME: Burbank Airport

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				
				14				
14:40		SG-09-155		15		US	Sand, same as above	 Sand
				16				
				17				
				18				
				19				
				20				

BORING LOG

BORING: D.042-S-SG-09

LOGGED BY: *GTB*

PAGE 3 OF 3

PROJECT NO.:
PROJECT NAME: *348 AIR*

PROJECT ADDRESS

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				20				
				21				
				22				<i>HTB</i>
				23				
				24				<i>HTB</i>
				25			<i>0 to Sand, Screen as above</i>	<i>#3</i>
		<i>SG-09-25</i>		26			<i>stayed</i>	<i>PSI</i>
				27			<i>BOB 26'</i> <i>NO HA</i> <i>NO GL</i>	
				28			<i>probes 5' 15' 25'</i> <i>Asphalt</i>	
				29				
				30				

BORING LOG

BORING: **D-D42-S-SG-10**

DATE(S) DRILLED: **3/10/17**

PAGE **1** OF **3**

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: **7:47**

END TIME: **8:40**

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2.5 / 2.25**

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **26'**

PID CAL GAS DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME BC SAMPLE ID R SI DEPTH PID USCS LITHOLOGY COMPLETION

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					1				
					2				
7:55		SG-10-035			3	0	SP	Sand, v. fine to v. coarse, trace gravel, yellowish-brown, L&H, SH, NO, MD	HB
					4				DB
					5				
					6				
					7				HB
					8	0	SP	Sand, same as above	
8:00		SG-10-85			9		SH	Silts Sand med brown, v. fine med. NO, MD, L&H, SH	
					10		SP	Sand, same as above	

BORING LOG

BORING: *D-D42-S-SG10*

LOGGED BY: *G. Baader*



PAGE *2* OF *3*

PROJECT NO.: *9836002041*

PROJECT ADDRESS *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				
				14				
<i>8:05</i>		<i>SG-10 155</i>		15		<i>0.25SP</i>	<i>Sand, same as above</i>	
				16				
				17				
				18				
				19				
				20				

HB

DB

#3



Sand

HB

PROJECT NO.:
PROJECT NAME: 3UR AIR

PROJECT ADDRESS

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					20			SH Silty Sand same as above	
					21				
					22				
					23				
					24				
					25				
8:15		SG10 255			25	0	SP Sand, same as above, Swee	stousted	 #3 Sand
					26			EOB 26' NO GW NO HA Probed to 5, 15, 25'	
					27				
					28				
					29				
					30				

BORING LOG

BORING: **D-DU3-S01**

DATE(S) DRILLED: **2/24/17**

PAGE **1** OF **2**

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: **14:40**

END TIME: **15:25**

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe 780**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2"**

DEPTH TO GROUNDWATER: **-**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **16'**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **HA/6-1 Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					—			~2-3" Asphalt	
					—			~3-6" Base w/ sand / silty sand, dark brown	4000 PSI cement
					1			↓	
					2				
					3	0	SP	Sand, yellowish-tan, fine to very coarse, trace gravel, more loose than med dense, N.U., N.D., sl. moist.	
14:47		D-DU3-S01-3			3				
					4			↓	
					5				
					6				
					7				
					8	0	SP		
14:52		D-DU3-S01-8			8				
					9				
					10				

Hydr. Bead.

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11			<i>slightly finer than above</i>	
					12				
					13				
					14				
					15			<i>same as above</i>	
<i>15:03</i>		<i>D-DU3 S-01-15</i>			15	<i>OS</i>		<i>slightly finer</i>	
					16				
					17			<i>EOB</i>	
					18			<i>hand signed to steel</i>	
					19				
					20				

Hydr. Test.

BORING LOG

BORING: D-043-S-02

DATE(S) DRILLED: 2/28/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 11:35 | END TIME: 12:15

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2"

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16'

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION	
					0			~ 2-3" Asphalt		
					1			~ 3-6" Base w/ gravel, silty sand, dark brown	4000 PSI concrete	
					2		SP	silty sand, med br. v. fine to med, trace gravel, L to H, D, SH, NO, ND		
11:39		S-02-3			3		0 SP	Sand, fine to coarse, trace gravel, silt, yellowish-brown, L to H, D, SH, NO, ND		
					4			Grades to		
					5					
					6					
11:44		S-028			8		0 SP	same as above, much coarser		
					9					
					10					

Hydr. Bar.

BORING LOG

BORING: D-DU 3-5-03

DATE(S) DRILLED: 2/28/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 8:55

END TIME: 9:40

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2"

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16'

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			~2-3" Asphalt	4k OSI Cover
					1			~3-5" Base w/ dark brown Silty Sand	
					2			Silty Sand, med brown, trace gravel	↑
9:13		DU 3-5-03			3	0.258		Sand w/ silt, trace gravel, yellowish-brown L to MD, SH, NO, ND, v. fine to coarse	
					4				
					5				by Dr. Beard
					6				
					7				↓
9:25		DU 3-5-03-08			8	1.0	SH	Sand, same as above, much coarser, less silt	
					9			L to MD, NO, ND fine to v. coarse	
					10				

BORING LOG

BORING: *D-D03*

LOGGED BY: *G. Baader*



PAGE *2* OF *2*

PROJECT NO.: *9836002041*

PROJECT ADDRESS *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION	
					10					
					11					
					12					
					13					
					14					
					15					
<i>9:28</i>		<i>D03-503-15</i>			15	<i>0.458</i>	<i>Sand, same as above</i>			
					16					
					17					
					18					
					19					
					20					
							<i>EOB</i> <i>NO HA</i>			

BORING LOG

BORING: **D-043-8-04**

DATE(S) DRILLED: **2/28/17**

PAGE **1** OF **2**

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: **10:40**

END TIME: **11:30**

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2"**

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **16'**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					—			~2-3" Asphalt	4' K PS' Concrete
					—			~3-5" Base w/ sand / silty sand dark brown	
					1			grades to tan / yellowish-br.	
					2				
10:50		S04-3			3	0	SH SP	Fine Silty Sand, tan - yellowish-br. trace gravel, v. fine to med. Lb MD, SH, NU, ND	
					4				
					5				
					6				
					7				
					8				
10:58		S04-8			8	0	SH SP	Fine Silty Sand, same as above. more gravel	hydr. Bend.
					9			Fine Sand, tan, trace gravel, silt, Lb MD, SH, NU, ND	
					10				

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11				
					12				
					13				
					14				
					15				
<i>11:09</i> <i>11:15</i>		<i>504-15</i>			15	<i>0.258</i>		<i>Sand, fine to coarse Same as above</i>	
					16				
					17			<i>EOB NOHA NOBU</i>	
					18				
					19				
					20				

50' Sand coarse, yellowish-brown, trace gravel, silt, L & H, SH, NO, MD

↑
↓
hyd. Sand.

BORING LOG

BORING: *D-043-S-05*

DATE(S) DRILLED: *2/28/17*

PAGE *1* OF *2*

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: *9:45* END TIME: *10:30*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2"**

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **16'**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					—			~2-3" Asphalt	4K
					—			~2-3" Base w/ silty sand, dark brown	PSI
					1				Concrete
					—		<i>SH/SP</i>	Silty sand / sand	
					—			med. brown v. coarse	
					2				
					—		<i>SH/SP</i>	Silty sand / v. fine to coarse	
<i>9:55</i>		<i>SOS-3</i>			3	<i>0.5</i>	<i>SP</i>	Sand as D4-S3 @ 3	
					—			coarser gravel, light brown	
					4				
					5				
					6				
					7		<i>SH</i>	Silty sand, yellowish-br. trace gravel, L to MD, SH, No, ND.	
					8				
<i>1000</i>		<i>S-058</i>			8	<i>0.3</i>			
					9			grades to	
					10				

Hydr. Sand.

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10		<i>SO</i>	<i>Sand, same as w/ silt</i>	<i>↑</i>
					11			<i>D43-S03-15</i>	
					12			<i>fine to coarse</i>	
					13				<i>hydr. Bear d.</i>
					14				
<i>10:15</i>		<i>S-05-15</i>			15	<i>1.4</i>	<i>SO / ST</i>	<i>Sand/ silty sand</i>	<i>↓</i>
					16			<i>very fine to very coarse</i>	
					17			<i>yellowish brown, Ld H D, ST, NO, ND.</i>	
					18			<i>FOB 16'</i>	
					19			<i>NO HA</i>	
					20			<i>NO GW</i>	

EFI Global

Engineering, Fire & Environmental Services

BORING LOG

BORING: *D-043 S-SG-04*

DATE(S) DRILLED: *3/1/17*

PAGE *1* OF *2*

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: *12:35* | END TIME: *14:05*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2"**

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **16'**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					—			~2-5" Asphalt	
					—			~3-6" Base w/ gravel/silly	
					—			Sand/silt	
					1		ML	Silt/sand, v. fine to fine, light brown, L, SH, NO, MD, no plasticity	
					—				
					2				
					—				
<i>12:44</i>		<i>SG-04-35</i>			3		ML	SILT / v. fine sand same as above, no D	
					—				
					4				
					—				
					5				
					—				
					6				
					—				
					7				
					—				
<i>12:55</i>		<i>SG-04-85</i>			8		ML	Same as above, no D	
					—				
					9				
					—				
					10				

Hyd. Prod 15' longer for boring by d. Prod.

DRY
Sand

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11			SP Sand, tan, dry w/ gravel	hydr. Sand.
							AL Same as above, RD	
				12				
				13				
				14				Dry Bend
13:12		SG-04-155		15			SP Sand, light brown, v. fine to coarse	Sand #3
				15.5			redrilled	
				16				
				17			EBB NO F/A NO GW	
				18			Redrilled to 16' due to collapse for SV install again	
				19			Redrilled again	
				19.5			0.6' NW to 15.5'	
				20			0.25" Teflon	

BORING LOG

BORING: *D-D43-S-SG-05*

DATE(S) DRILLED: *3/1/17*

PAGE *1* OF *2*

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: *14:10*

END TIME: *14:55*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2"**

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **16'**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			~2-3" Asphalt ~3-6" Base, gravel Silty sand dark brown	#3
					1				
					2				
<i>14:19</i>		<i>SG-05-35</i>			3		<i>OSH</i>	Silty sand, trace gravel v. fine to med. yellowish-brown, MO, SH, NO, ND	14dr. Bead. G. Dry #3
					4				
					5				
					6				
					7				
					8				
<i>14:20</i>		<i>SG-05-85</i>			8		<i>OSH</i>	Sand, trace gravel fine to coarse, L & MO, SH, NO, ND, light brown	6" Seal
					9				
					10				

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				
				14				
				15				
<i>14:36</i>		<i>SG-05-155</i>			<i>0</i>		<i>Silty Sand / Sand V. fine to coarse, med brown</i>	<i>6" #3</i>
				16			<i>EOB NO HA NO GW PROBE 5' / 15'</i>	<i>6" #3</i>
				17				
				18				
				19				
				20				



BORING LOG

BORING: **D-DU3-S-06**

DATE(S) DRILLED: **3/1/17**

PAGE **1** OF **2**

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: **10:55**

END TIME: **11:30**

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2"**

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **16'**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					—			~2-3" Asphalt	4K PSI Concrete
					—			~3-5" Base gray gravel w/ silt/sand, med brown shades to yellowish/light brown, MD, SH, NO, ND, v. fine to med.	
					1				
					—				↑ Hydr. Band. ↓
11:03		S-06-03			3		SH	Sand w/ silt, trace gravel light brown, L to MD, SH, NO, ND, v. fine to coarse	
					4				
					5				
					6				
					7				
					8		SH	fine silt	
11:07		S-06-08			8				
					9				
					10				

BORING LOG

BORING: *D-003-S-06*

LOGGED BY: *G. Baader*

PAGE *2* OF *2*

PROJECT NO.: *9836002041*

PROJECT ADDRESS *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11				
					12		<i>AL</i>	<i>silt / silty sand low plast. same as above</i>	
					13			<i>Sand w/ gravel same as above</i>	
					14		<i>SP</i>		
					15		<i>SP</i>	<i>Silty Sand / Sand w/ silt, yellowish brown, L to MD, SP, NO GP. v. fine to med. trace gravel</i>	
<i>11:13</i>		<i>S-06-15</i>			16			<i>EOB</i>	
					17			<i>NOGU</i>	
					18			<i>NOHA</i>	
					19				
					20				

up dir. Bear.
down dir. Bear.

BORING LOG

BORING: D-DU3-S-07

DATE(S) DRILLED: 3/1/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 10:10

END TIME: 10:50

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2"

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16'

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			~2-3' Asphalt	4k psi casing
					1			~3-6" Base of gravel silty sand clay med. brown MD, SH	
					2			grades to yellowish-brown	
10:20		S07-3			3	0	SH	Silty sand v. fine to coarse L to MD, SH, NO, ND trace gravel	Hydr. Bend.
					4				
					5				
					6				
					7				
					8	0	SP	Sand, yellowish-brown L to MD, SH, NO, ND trace gravel	
					9				
					10				

BORING LOG

BORING: *D. Du3-S-07*

LOGGED BY: *G. Baader*


PAGE *2* OF *2*

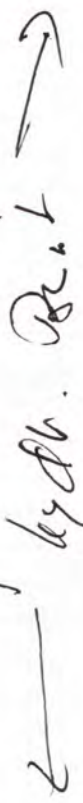
PROJECT NO.: *9836002041*

PROJECT ADDRESS *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12			<i>Silty Sand same as above</i>	
				13			<i>Sand, same as above very gravelly</i>	
				14				
				15			<i>Silty Sand, same as 3'</i>	
<i>10:36</i>		<i>S-07-15</i>						
				16			<i>EOB NOHA NOGLW</i>	
				17				
				18				
				19				
				20				

by db. Re.t


BORING LOG

BORING: *D-DU 3-5-08*

DATE(S) DRILLED: *3/1/17*

PAGE *1* OF *2*

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: *9:55* END TIME: *10:05*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2"**

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **16'**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			~2-3" Asphalt	4k
					1			~3-6" Base Gravel / Silty sand clay brown	PSI
					1			Silty Sand / Sand	Concrete
					2			base gravel med. brown M.D, S.H, N.O, N.D,	
					3				
<i>9:39</i>		<i>50803</i>			3	<i>0-1 SP</i>		Sand, v. fine to coarse, L, S.H, N.O, N.D, light brown	
					4				
					5				
					6				
					7				
					8				
<i>9:42</i>		<i>50808</i>			8	<i>0 SP</i>		Sand, same as above yellowish brown, slightly wase base gravel	
					9				
					10				

Hydr Bearl.

BORING LOG

BORING: *D-043-S-08*

LOGGED BY: *G. Baader*

PAGE *2* OF *2*

PROJECT NO.: *9836002041*

PROJECT ADDRESS *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11				
					12				
					13				
					14				
<i>9:51</i>		<i>S-08-15</i>			15	<i>0.50</i>		<i>Sand, same as above worse</i>	
					16				
					17			<i>EOB NOHA NO GW</i>	
					18				
					19				
					20				

u7dr. Bent.

11
12
13
14
15
16
17
18
19
20

BORING LOG

BORING: D-DU3-S-09

DATE(S) DRILLED: 3/1/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 8:50 | END TIME: 9:30

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2"

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16'

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				0			~2-3" Asphalt	
				1			-3-6" Base/gravel gray dark to yellow, silty sand, med br. w/ gravel (trace)	4K PSI w/acetate
9:08		S09-07		3	0	SS	Sand, v. fine to med, trace gravel, light brown tan, loose, sp. moist, no odor, NO disc.	hydr. bed.
				4				
				5				
				6		SS	tan	
9:12		S09-08		8	0	SS	silty sand, trace gravel med brown, L to MD, SH, NO, NO	
				9				
				10				

BORING LOG

BORING: D-063-S-09

LOGGED BY: G. Baader

PAGE 2 OF 2

PROJECT NO.: 9836002041

PROJECT ADDRESS 2627 N Hollywood Way, Burbank, CA 91505

PROJECT NAME: Burbank Airport

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10		SP	Sand, tan to yellow. br. fine to v. coarse, MD, SH, NO, ND	Hydro Bed
					11				
					12				
					13				
					14				
					15		0 SP	Sand, same as 3'	
9:15		S09-15			15				
					16				
					17				
					18				
					19				
					20				
								EOB NO HA NO GW	

BORING LOG

BORING: **D-DUBS-10**

DATE(S) DRILLED: **3/8/17**

PAGE **1** OF **2**

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: **8:12**

END TIME: **8:45**

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER:

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **16**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			~0-3" Asphalt	4' 2" OS1
					1			3-6" Base w/ gravel, silty sand, dry sand. very fine, dark brown	4' 2" OS1
					2				
8:25		S-10-3			3		OS1	Sand, yellowish-brown v. fine to v. coarse, L to HD, SF, NO, NO	
					4				
					5				
					6				
					7				
					8		OS1/OS2	Sand w/ silt, yellowish brown v. fine to med, L SF, NO, NO	
8:27		S-10-8			8				
					9				
					10				

asphalt sand



BORING LOG

BORING: D-043-S-10

LOGGED BY: G. Baader

PAGE 2 OF 2

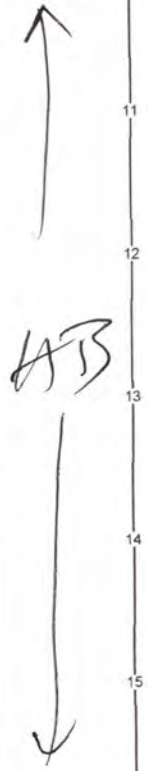
PROJECT NO.: 9836002041

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

PROJECT NAME: Burbank Airport

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11				
					12				
					13				
					14				
					15				
8:35		S10-15			15		SP	Sand, yellowish brown, same as above, med coarse	
					16			HL silt, low to no plasticity, yellowish br.	
					17			EOB 16'	
					18			NO GL	
					19			NO HA	
					20			Asphalt	



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BORING LOG

BORING: D-D43-S-11

DATE(S) DRILLED: 3/8/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 14:00

END TIME: 14:35

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe

PROJECT NO.: 9836002041

BOREHOLE DIAMETER:

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16'

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			20-3" Asphalt	Asphalt
					1			13-5" Base gravel w/ silty sand, sand, stay, dry	4K PSI coarse
					2				↑
14:08		S-11-3			3		0 SH Silty sand, mod brown, v. fine to med, L-MD, SH, NO, MD		
					4				↑
					5				
					6				↑
					7				
					8				↑
14:12		S-11-8			9		0 SH Sand, yellowish-brown, v. fine to coarse, L-MD, SH, NO, MD		
					10				↓

Asphalt patch

HS

BORING LOG

BORING: *D-D43-S-11*

LOGGED BY: *G. Baader*

PAGE *2* OF *2*

PROJECT NO.: *9836002041*

PROJECT ADDRESS: *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R/S	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				
				14				
<i>14:20</i>		<i>S-11-15</i>		15			<i>0 SP Sand, same as above</i>	
				16				
				17			<i>EOB 16'</i>	
				18			<i>NOHA</i>	
				19			<i>NOGL</i>	
				20			<i>Asphalt</i>	



H3



BORING LOG

BORING: *D.D43-S-12*

DATE(S) DRILLED: *3/8/17*

PAGE *1* OF *2*

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: *11:00*

END TIME: *11:30*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER:

DEPTH TO GROUNDWATER:

NA

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: *16'*

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			<i>0-3' asphalt</i>	<i>asphalt</i>
					1			<i>3-6 base gravel, dk gray w/ silty sand, med. brn</i>	<i>2 1/2" (PS) core</i>
					2				
<i>11:10</i>		<i>S-12-3</i>			3		<i>0 SP</i>	<i>Sand, v. fine to med, yellowish brown, Lb to Sh, NO, ND</i>	<i>1.5B</i>
					4				
					5				
					6				
					7				
<i>11:15</i>		<i>S-12-8</i>			8		<i>0 SP</i>	<i>Sand, same as above, coarse</i>	
					9				
					10				

BORING LOG

BORING: *D43 S-12*

LOGGED BY: *G. Baader*

PAGE *2* OF *2*

PROJECT NO.: *9836002041*

PROJECT ADDRESS: *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				<i>HS</i>
				14				
<i>11:20</i>		<i>S-12-15</i>	<i>15</i>	15			<i>0 SF Sand, same as above less coarse</i>	
				16				
				17			<i>EDR 16 NO FU NO HA asphalt</i>	
				18				
				19				
				20				

BORING LOG

BORING: *D-D43-S-13*

DATE(S) DRILLED: *3/8/17*

PAGE *1* OF *2*

PROJECT NAME: **Burbank Airport**

LOGGED BY: *G. Baader*

START TIME: *9:00*

END TIME: *9:35*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER:

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: *16'*

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			0-3" Asphalt	Asphalt pads
					3			3-6" gravel (base), w/ silt/sand dark brown, v. fine to fine, NO, NO, SH, MD	4 k PSI
					1		SH	Silty sand, med-brown, v. fine to fine, NO, NO, SH, MD	
					2				
					3		O	SH Sand, yellowish-brown, v. fine to coarse, Lt to Md, SH, NO, MD, trace gravel	
					4				
					5				
					6				
					7				
					8		O	SH Silty sand/silt, med-brown, v. fine to fine, Md, SH, NO, MD	
					9				
					10				

9:10 S13-3

9:13 S13-8



173



BORING LOG

BORING: D-043-S-13

LOGGED BY: G. Baader


PAGE 2 OF 2

PROJECT NO.: 9836002041

PROJECT ADDRESS 2627 N Hollywood Way, Burbank, CA 91505

PROJECT NAME: Burbank Airport

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				
				14				
09:20		S-13-15		15			SP Sand, yellowish-brown Same as 3'	
				16				
				17			EOB 16' asphalt NO GW NO HA	
				18				
				19				
				20				



HA



BORING LOG

BORING: D-D43-S-14

DATE(S) DRILLED: 3/8/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 7:45

END TIME: 8:10

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.5 / 2.25

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16'

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			~0-3' Asphalt	Asphalt
					3			3-6" Base w/ gravel, silty sand, clay, dark brown grades	4K PSI contact
7:50		S-14-3			3		OSH	Silty sand, med brown v. fine to med., trace gravel, L to H, SH, NO, NG	↑ HB
					4				
					5				
					6				
					7				
					8				
7:53		S-14-8			8		OSD	Sand, yellowish brown, v. fine to coarse, trace gravel, L to H, SH, NO, NG	
					9				
					10				

BORING LOG

BORING: *DQUS-14*

LOGGED BY: *G. Baader*


PAGE *2* OF *2*

PROJECT NO: *9836002041*

PROJECT ADDRESS: *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10		<i>SS</i>		↑
					11				
					12				
					13				<i>HTB</i>
					14				
<i>8:05</i>		<i>S-14-5</i>			15	<i>0</i>	<i>SM S'ly Sand, same as at 3'</i>		
					16				↓
					17			<i>EOTB asphalt NO SU NO HA</i>	
					18				
					19				
					20				

BORING LOG

BORING: *D-D43-S-15*

DATE(S) DRILLED: *3/8/17*

PAGE *1* OF *2*

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: *9:40*

END TIME: *10:00*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe 6600**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER:

DEPTH TO GROUNDWATER:

DRILLING CONTRACTOR / DRILLER NAME:

NA

Kehoe/Rudy & Chance

TERMINAL DEPTH: *16'*

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			0-3" asphalt	Asphalt pad
					1			~3-6" base, yellow gravel, silty sand dark brown, dry	4k PSI concrete
					2			SI Silty sand, med brown, v. fine fine, NO, NO, SF, L & HD	
<i>9:45</i>		<i>515-3</i>			3			O SP Sand, yellowish-brown, v. fine to coarse, L & HD, SF, NO, NO D	
					4				
					5				
					6				
					7				
<i>9:50</i>		<i>515-8</i>			8			O SP Sand, same as above coarse	
					9				
					10				

BORING LOG

BORING: D043-S-15

LOGGED BY: G. Baader

PAGE 2 OF 2

PROJECT NO.: 9836002041

PROJECT ADDRESS 2627 N Hollywood Way, Burbank, CA 91505

PROJECT NAME: Burbank Airport

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11				
					12				
					13				
					14				
9:55		S-15-15			15		SP	Silty Sand, med brown same as 1', trace gravel	
					16				
					17			EOB 16 asphalt	
					18			NO GW	
					19			NO HA	
					20				



43





Engineering, Fire & Environmental Services

BORING LOG

BORING: D-D43-SSG01

DATE(S) DRILLED: 3/8/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 13:15

END TIME: 13:55

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.5 / 2.25

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16'

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			20-3" Asphalt	
					1			23-6" Cranel of silt/sand/sand, dk, very fine gray	
					2			st Silty sand, med. brown, NO, MD, SH, RD	HTB
13:20		SG-01-35			3	0.150		Sand, yellowish brown, fine to very coarse, L-RD, SH, NO, MD	HTB
					4				HTB
					5				HTB
					6				HTB
					7				HTB
13:29		SG-01-85			8	0.50		Same as above	HTB
					9				HTB
					10				HTB

BORING LOG

BORING: D-DU3 55G-01

LOGGED BY: G. Baader

PAGE 2 OF 2

PROJECT NO.: 9836002041

PROJECT ADDRESS 2627 N Hollywood Way, Burbank, CA 91505

PROJECT NAME: Burbank Airport

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11				
					12				
					13				
					14				
					15				
13:36		56-01-155			15			0 SP/SF Sand w/silt, trace gravel Same as above v. fine to coarse Sloughs	HS 6" DTS S3 Sed SS2
					16				
					17			EOB 16' NO CLW NO HA Asphalt pokes 5+15'	
					18				
					19				
					20				

BORING LOG

BORING: D-D43-S-SG-02

DATE(S) DRILLED: 3/8/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 12:35 END TIME: 1:20 10

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe 6600

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2.5 / 7.25

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16'

PID CAL GAS DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			0-3" Asphalt	
					3			3-6" Base, gravel, gray w/ silty sand	
					1				
					2				
12:43		SG-02-35			3		0.250	Sand, yellowish-brown, v. fine to coarse, LA 70, 58, NO, ND	DB
					4				#3
					5				
					6				
					7				
12:48		SG-02-85			8		0.50	Sand, coarse same as above	
					9				
					10				

BORING LOG

BORING: *D-DU3-SSG02*

LOGGED BY: *G. Baader*

PAGE *2* OF *2*

PROJECT NO.: *9836002041*

PROJECT ADDRESS: *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R/SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				<i>AS</i>
				13				
				14				<i>DB</i>
				15				<i>DB</i>
<i>13:00</i>		<i>SG-02-155</i>		15			<i>SP Sand, finer than above</i>	
				16				
				17			<i>'E03 16'</i>	
				17			<i>NO HA</i>	
				17			<i>NO CW</i>	
				17			<i>probe at 5+15'</i>	
				18				
				19				
				20				

EFI Global

Engineering, Fire & Environmental Services

BORING LOG

BORING: DD43-SSG-03

DATE(S) DRILLED: 3/8/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 10:05

END TIME: 10:55

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe 660

PROJECT NO.: 9836002041

BOREHOLE DIAMETER:

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16'

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: Acetate sleeve



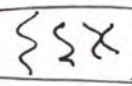
TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			-0-3" asphalt	
					1			-3-6" base w/ gravel, light grey, dk v. silty sand	
					1		SH	Silty Sand, tan, v. fine to med, M.D, SH, N.O, N.D	HS
					2				
10:10		SG03-35			3		0	SP Sand, v. fine to coarse, yellowish-brown, L.D N.D, SH, N.O, N.D	DS
					4				
					5				
					6				
					7				
10:15		SG-03-85			8		0	SH Silty Sand, reddish brown, M.D, SH, N.O, N.D, v. fine to fine grained	HS
					9		SP		
					10				

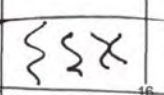
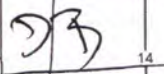
PROJECT NO.: 9836002041

PROJECT ADDRESS 2627 N Hollywood Way, Burbank, CA 91505

PROJECT NAME: Burbank Airport

NOTES:

TIME	BC	SAMPLE ID	R/SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				
				14				
10:20		SE-03 155		15		OS	Sand, same as 3', coarse	
				16			Shale	
				17				
				18				
				19				
				20				



BORING LOG

BORING: F-DCEI-S-01

DATE(S) DRILLED: 2/23/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 10:55 END TIME: 11:45

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: *Creep tube*

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2"

DEPTH TO GROUNDWATER: -

DRILLING CONTRACTOR / DRILLER NAME: *REHOE*

TERMINAL DEPTH: 16'

PID CAL GAS/DATE: *109ppm* Isobutylene

SAMPLING METHOD: *HAC(Grab), Acetate seal*

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			<i>v 3" asphalt</i>	<i>4000 psi concrete</i>
					1			<i>v 3-6" base w/ sand</i>	
					2			<i>dark brown / gray</i>	
<i>11:14</i>		<i>S01-3</i>	<i>✓</i>	<i>✓</i>	3	<i>0.1 sp</i>		<i>hand dug, sample in jar. Sand, v. fine to coarse, yellowish-brown, trace gravel silt, st. m., med dense- loose. No odor, no discoloration</i>	<i>Hand auger</i>
					4				
					5				
					6				
					7				
<i>11:23</i>		<i>S01-8</i>	<i>✓</i>	<i>✓</i>	8	<i>0.7 sp</i>		<i>same as above</i>	<i>by dr. Baader</i>
					9				
					10				

BORING LOG

BORING: **F-DU1-S-02**

DATE(S) DRILLED: **2/23/17**

PAGE **1** OF **2**

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: **12:35** | END TIME: **13:28**

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geopack 7800**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2"**

DEPTH TO GROUNDWATER: **-**

DRILLING CONTRACTOR / DRILLER NAME: **Rehoe**

TERMINAL DEPTH: **16'**

PID/CAL GAS/DATE: **100ppm Isobutylene**

SAMPLING METHOD: **HA/grab/ a lot of sludge**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			~3" asphalt	4000
					1			~3-5" base w/ soil dark brown	PSI Coast
					1		SH	Silty sand yellowish - med brown v. fine to med trace gravel	↑ ↓
					2				
					3		0.45 SH	Silty sand yellowish br. trace gravel (grab sample)	
12:50		S02-3			3				
					4		SP	Sand same as S-01 trace silt/gravel light brown/beige fine to very coarse	
					5				
					6				
					7				
					8		0.1 SH	Silty sand yellowish br - trace gravel med br. v. fine to coarse	
13:10		S-028			8				
					9		SP	Sand light brown/beige trace gravel fine to v. coarse	
					10				

hydr. Bear.

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10		SP	Silty sand, yellowish light brown trace gravel, very fine to med	↑ Sand
					11				
					12		SP	Sand, light brown/tan trace gravel, fine to v. coarse	
					13				
					14		SP	Silty sand, yellowish - med br. v. fine to med	↓ Hydr. Sand
					15				
13:20		S-02-15			15	0.5	SP	Sand, light brown/tan trace gravel, fine to very coarse	
					16				
					17			EOB Hand augered first 5 feet	
					18				
					19				
					20				

BORING LOG

BORING: **F-D41-S-03**

DATE(S) DRILLED: **2/23/17**

PAGE **1** OF **2**

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: **13:25**

END TIME: **14:25**

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe 7800**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2"**

DEPTH TO GROUNDWATER: **-**

DRILLING CONTRACTOR / DRILLER NAME: **Kelsoe**

TERMINAL DEPTH: **16'**

PID CAL GAS/DATE: **100ppm Isobutylene**

SAMPLING METHOD: **HA/Grab / arotate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			~ 3" asphalt	4000
					1			~ 3-5" base w/ sand, dark brown grades to	psi
					2				concrete
13:50		S03-3			3	0.250		Sand, yellowish-tan br. v. fine to coarse, trace gravel	
					4			Grab sample for trace analyzer	
					5		ss	Sand same as above	
					6				
					7				
					8	1.050		Sandy silt, yellowish-tan br. v. fine to med fine & grades to	
14:08		S03-8			8			Silty sand, yellowish-tan br. trace gravel	
					9				
					10		ss	Sand, same as above	

↑
by dr. Bend.

BORING LOG

BORING: *F-DU1-S-03*

LOGGED BY: *G. Baader*



PAGE *2* OF *2*

PROJECT NO.: *9836002041*

PROJECT ADDRESS *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10		<i>SP</i>	<i>Sand</i>	<i>hydr. Bend.</i>  
					11				
					12			<i>Sandy silt, v. fine to med. yellowish brown</i>	
					13				
					14		<i>SP</i>	<i>Sand, same as above</i>	
					15	<i>0.8</i>			
<i>14:15</i>		<i>S-03-15</i>			16				
					17			<i>EOB</i>	
					18			<i>Hand augered first 5 feet</i>	
					19				
					20				

BORING LOG

BORING: *F-DU1-S-04*

DATE(S) DRILLED: *2/23/17*

PAGE *1* OF *2*

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: *14:30*

END TIME: *15:40*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: *Geoprobe 7800*

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: *2"*

DEPTH TO GROUNDWATER: *-*

DRILLING CONTRACTOR / DRILLER NAME: *KFDE*

TERMINAL DEPTH: *16'*

PID CAL GAS/DAT: *100ppm Isobutylene*

SAMPLING METHOD: *HA/Grab/acodokscave*

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			<i>~3" asphalt</i>	<i>4000 PSI concrete</i>
					1			<i>~3-5" base w/ sand - dark brown</i>	
					2		<i>SP</i>	<i>Sand trace gravel/silt, yellowish-brown slightly moist.</i>	
<i>14:40</i>		<i>S-04-3</i>			3	<i>1.0</i>	<i>SP</i>	<i>Sand w/ silt, trace gravel, yellowish-brown, slightly moist, med dense</i>	
					4				
					5				
					6				
					7				
					8		<i>0.3</i>	<i>SP</i>	
<i>15:43</i>		<i>S-04-8</i>			8			<i>Sand; trace silt, gravel yellowish-brown/ tan same as above</i>	
					9				
					10				

Hardage

Hydr. Band.

BORING LOG

BORING: F-DUI-505

DATE(S) DRILLED: 2/23/17 2/24/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 7:30

END TIME: 8:50

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe 7800

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2"

DEPTH TO GROUNDWATER: -

DRILLING CONTRACTOR / DRILLER NAME: Kehler

TERMINAL DEPTH: 16'

PID CAL GAS/DATE: 100ppm Isobutylene

SAMPLING METHOD: Grab/HA/accelerometer

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			~2-3" asphalt	4000
					1			~3-5" base w/ sand dark brown	PSI
					2				cancel
8:20		S-05-3			3	0.1	SP	Sand (yellowish light brown fine to med, trace gravel) silt, sl. moist, med dense to loose, NO, ND	
					4			Handaugered to 5 feet	
					5				
					6				
					7				
8:30		S-05-8			8	1.0	SP	Silly sand, trace gravel, v. fine to coarse, yellowish light brown, sl. m., m.d., NO, ND	
					9				
					10			Same same as above	

by ch. Baad

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11		<i>98</i>		
					12				
					13		<i>SP</i>	<i>Sandy silt / Silty sand, yellow ss</i>	<i>↑</i>
					14				<i>Hydr.</i>
<i>8:39</i>		<i>S-05-15</i>			15	<i>0-3</i>	<i>SP</i>	<i>Sand, trace gravel same as @ 3'</i>	<i>↓</i>
					16				
					17			<i>EOB</i>	
					18			<i>Handaugered to 5 feet</i>	
					19				
					20				

BORING LOG

BORING: *F-DU15-06*

DATE(S) DRILLED: *2/24/17*

PAGE *1* OF *2*

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: *7:38:50* | END TIME: *10:10*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe 7800**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2"**

DEPTH TO GROUNDWATER: **-**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **16**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **HA 506 Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					—			<i>2-3" asphalt</i>	<i>4000 psi concrete</i>
					—			<i>~3-5" base w/ sand</i>	
					1			<i>dark brown, fine to coarse, (w/ gravel) st. moist, med dense to loose, NO, ND</i>	
					—				
					—				
					—				
					—				
					—				
					—				
					—				
<i>9:25</i>		<i>506-3</i>			3	<i>0.1</i>	<i>SP</i>	<i>Sand, same as 505-03</i>	
					—				
					4				
					—				
					5				
					—				
					6				
					—				
					7				
					—				
					8				
<i>9:33</i>		<i>506-8</i>			8	<i>0.258</i>		<i>Sand, same as above</i>	
					—				
					9				
					—				
					10				

hydr. Bent.

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10			Sand same as above	
					11		ML	SILT, moist, low slight plasticity, mod stiff yellowish brown	
					12			NO, ND	
					13			?	
					14		SP	SAND	
					14		ML	SILT, moist same as above	
					14		SP	SAND	
					14		ML	SILT moist, same as above	
<i>9.51</i>		<i>S-06-15</i>			15	<i>0.2</i>	SP	Silty Sand	
					16				
					17			EOB	
					17			Hand dug first 5 feet	
					18				
					19				
					20				

hydr. Band.

BORING LOG

BORING: *F-DU1-S-07*

DATE(S) DRILLED: *2/24/17*

PAGE *1* OF *2*

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: *10:15*

END TIME: *11:10*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe 7800**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: *2"*

DEPTH TO GROUNDWATER: *-*

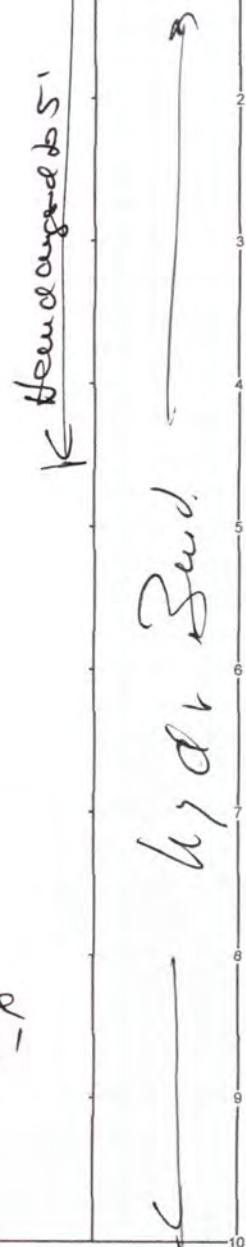
DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: *16'*

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: *HA/Gras* Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					—			<i>2~3' Base Asphalt</i>	
					—			<i>~3-6" Base w/ sand & silty sand</i>	<i>4000 PSI concrete</i>
					1			<i>dark brown, same as all others.</i>	
					—			<i>SP Sand</i>	
					2			<i>same as below</i>	
<i>10:38</i>		<i>S-07-3</i>			3	<i>0.750</i>		<i>Sand, yellow & tan fine to med, sl. moist, loose to med dense, NO, NO trace, trace gravel (cobbles)</i>	
					4				
					5				
					6				
					7			<i>Sand - med brown</i>	
<i>10:45</i>		<i>S-07-8</i>			8	<i>0.250</i>		<i>Sand, same as above @ 3'</i>	
					9				
					10				



BORING LOG

BORING: *F-DU15-07*

LOGGED BY: *G. Baader*

PAGE *2* OF *2*

PROJECT NO.: *9836002041*

PROJECT ADDRESS: *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION		
					10			<i>Sand, same as at 3'</i>	<i>Hydro Bear</i>		
					11						
					12						
					13						
					14						
					15						
<i>10:55</i>		<i>S-07-15</i>			15	<i>0.1 SP</i>				<i>Sand, tan, same as @ 8'</i>	
					16					<i>EOB</i>	
					17					<i>Handaugered to 5 feet</i>	
					18						
					19						
					20						

BORING LOG

BORING: F-D11-S-08

DATE(S) DRILLED: 2/28/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 7:45

END TIME: 8:40

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2"

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16'

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: GP/grab Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			~2-3" Asphalt	4,000
					1			~1-2" Base/gravel	291
					1		SM	Silty sand	Concrete
					2				
8:01		S-08-03			3	0.55		Silty sand, trace gravel, med. brown, v. fine to med. loose to med dense, sl. moist, NO, ND.	
					4				
					5				
					6				
					7				
8:20		S-08-08			8	0.3		SP Sand, trace gravel, yellowish-brown, fine to coarse, L to MD, SM, NO, ND	
					9				
					10				

Hydr. Blvd.

NOTES:

TIME	BC	SAMPLE ID	R SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
				10				
				11				
				12				
				13				
				14				
<i>8:20</i>		<i>S-08-15</i>	<i>h</i>	15	<i>0.458</i>		<i>Sand, same as above slightly less coarse than @ 8'</i>	<i>hydr. Sand.</i>
				16				
				17			<i>EOB</i>	
				18			<i>HA to 5 feet</i>	
				19			<i>grab at 3 feet</i>	
				20				

BORING LOG

BORING: **F041-S-09**

DATE(S) DRILLED: **2/24/17**

PAGE **1** OF **1**

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: **12:10**

END TIME: **13:30**

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2"**

DEPTH TO GROUNDWATER:

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **3.5'**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: **HAS/soils Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					—			~2-3" Asphalt	4000
					—			~3-6" Base w/ sand	→ covered
					1			same as previous	
					—			↑	
					—			increasing in silt	
					2			↓	hydr. soil
					—				
13:10		S-09-3			3	0.25ft		Sand w/ silt, trace gravel/cobbles	
					—			gravel and cobbles increased	
					4			to refusal	
					—			hand augered to 3.5 feet	
					5			v. fine to very coarse, sl. m, loose to med. dense	
					—			yellowish-tan	
					6				
					—			Refusal at 2' at original location (concrete flat?)	
					7			moved 2.5' SW	
					—			sand w/ silt and lots of gravel/cobbles	
					8				
					—			moved 2' E	
					9			still refusal w/ hand auger	
					—				
					10				

BORING LOG

BORING: F-DU1-5-09

DATE(S) DRILLED: 2/28/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 13:20

END TIME: 15:15

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2"

DEPTH TO GROUNDWATER: NA

DRILLING CONTRACTOR / DRILLER NAME: Kehoe/Rudy & Chance

TERMINAL DEPTH: 16'

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: HA/6" Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					—			~2-3" Asphalt	
					—			~3-6 Base w/ gravel + silt	4k PS1 concrete
					1				
					2				
13:55		S-09-3			2.3 ft			Silty sand w/ gravel w/bbles, yellowish brown / med L to MD, SH, NO, ND Very fine to med.	
					3				
					4				
					5				
					6				
					7				
					8				
14:47		S-09-8			8			Sand w silt, trace gravel fine to coarse, yellowish-brown, L to MD, SH, NO, ND.	
					9				
					10				

⊙ 3.5' could not go further, PI approved drilling, used stabit to break rocks, lost stabit, moved 1' W and drilled for samples

Hydr. Bar.

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11				
					12				
					13				
					14				
					15				
					16				
					17				
					18				
					19				
					20				

W A N A

SH Silty sand, yellow br.
v. fine to med, trace gravel
L to MD, SH, NO, ND

D SP SAND, yellowish-brn.
fine to very coarse, trace
gravel, L to MD, SH, NO, ND

EOB
NGW
HA to 3.5 feet

Hydr. Sand.

14:57 S-09-15

BORING LOG

BORING: *F001-S-10*

DATE(S) DRILLED: *7/24/17*

PAGE *1* OF *1*

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: *13:40*

END TIME: *14:15*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: *2"*

DEPTH TO GROUNDWATER: *-*

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: *9"*

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: *HA/grit* Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					—			<i>~ 2-3" Asphalt</i> <i>~ 3-5" Base w/sand</i> <i>Refusal at 9"</i> <i>unmoved 2.5' NE</i> <i>Refusal at same depth</i> <i>apparently concrete (slab/</i> <i>driveway) beneath asphalt.</i>	<i>6000</i> <i>PSI</i> <i>Concrete</i>
					—				
					—				
					1				
					—				
					—				
					2				
					—				
					—				
					3				
					—				
					—				
					4				
					—				
					—				
					5				
					—				
					—				
					6				
					—				
					—				
					7				
					—				
					—				
					8				
					—				
					—				
					9				
					—				
					—				
					10				

BORING LOG

BORING: *FD41-S-10*

DATE(S) DRILLED: *2/28/17 3/1/17*

PAGE 1 OF 2

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: *7:30*

END TIME: *8:30*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: **Geoprobe**

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: **2"**

DEPTH TO GROUNDWATER: **NA**

DRILLING CONTRACTOR / DRILLER NAME: **Kehoe/Rudy & Chance**

TERMINAL DEPTH: **16'**

PID CAL GAS/DATE: **100 ppm Isobutylene**

SAMPLING METHOD: *HA/Get* **Acetate sleeve**

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					—			<i>~2-3" Asphalt</i>	
					—			<i>~3-5" Base (Gravel/Sand)</i>	<i>4k PSI Concrete</i>
					1				
					2				
<i>7:56</i>		<i>S-10-03</i>			3		<i>OS</i>	<i>Sand w/ gravel/cobbles fine to v. coarse, yellow-br. loose, SH, NO, ND</i>	
					4				
					5				
					6				
					7				
					8		<i>OS</i>	<i>Sand Same as above much coarser</i>	
<i>8:12</i>		<i>S-10-08</i>			9				
					10				

Hydro Barb

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11				
					12				
					13				
					14				
<i>8:22</i>		<i>S-10-15</i>			15	<i>0.150</i>		<i>Sand, same as above L to MD, slightly less coarse</i>	<i>hyd. Bent.</i>
					16				
					17			<i>EOB HA to 5' NOGU</i>	
					18				
					19				
					20				

BORING LOG

BORING: F-DU1-5-11

DATE(S) DRILLED: 2/23/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 9:45

END TIME: 10:35

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2"

DEPTH TO GROUNDWATER: -

DRILLING CONTRACTOR / DRILLER NAME: Kelwe

TERMINAL DEPTH: 16

PID CAL GAS/DATE: 160 pp - Isobutylene

SAMPLING METHOD: Acetate sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			~ 3" asphalt	4000 psi
					1			~ 3" base w/ sand, dark brown	60-cord
					2			Silty Sand	
10:08		S11-3			3	0.3	SH	Silty sand, yellow-brown v. fine to med, trace st. m, mod-cl. NO, M1	
					4			Sand, same as others	
					5				
					6				
					7			Silty sand same as above	
10:12		S11-8			8	0.2	SH	Sand, v. fine to coarse, trace gravel/silt, light brown, dry-st. mat'l, mod dense,	
					9			Same as above - beige	
					10				

Hydr. Bend.

BORING LOG

BORING: *FDU1-511*

LOGGED BY: *G. Baader*


PAGE 2 OF 2

PROJECT NO: **9836002041**

PROJECT ADDRESS **2627 N Hollywood Way, Burbank, CA 91505**

PROJECT NAME: **Burbank Airport**

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11		<i>Sp</i>	<i>same as above</i>	<i>by dir Bent.</i> 
					12				
					13				
					14		<i>Sp</i>	<i>Sand, grayish-brown</i>	
<i>10:28</i>		<i>S-11-15</i>			15	<i>0 Sp</i>	<i>Same as 8'</i>		
					16			<i>EOB</i>	
					17				
					18				
					19				
					20				

BORING LOG

BORING: F-041-S-12

DATE(S) DRILLED: 2/23/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 8:40

END TIME: 9:35

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: GEOPROBE

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2"

DEPTH TO GROUNDWATER: —

DRILLING CONTRACTOR / DRILLER NAME: KTHOE

TERMINAL DEPTH: 16

PID CAL GAS/DATA: 100ppm Isobutylene

SAMPLING METHOD: Accud SLEEVE

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					—			~3" asphalt base w/ sand, dark brown	GOOD PSI concrete
					1			SS Sand, med brown / light brown, fine to coarse, trace gravel	Hydr. Band
					2				
8:48		512-3			3		0.5 SS Silty sand, yellowish brown, very fine to med, sl. m, med dense, NO, ND		
					4				
					5				
					6				
					7				
					8		0.4 SS Sandy yellowish br., v. fine to coarse, trace gravel / silt. sl med, loose to med dense, NO, ND.		
8:58		512-8			9				
					10				

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10			<i>Sand same as above</i> ↓	↑
					11				
					12				
					13				
					14				
<i>9:25</i>		<i>S-12-15</i>			15	<i>0.35</i>		<i>Same as above</i> <i>fin to coarse</i>	↓ <i>hydr. Band.</i>
					16			<i>EOB</i>	
					17			<i>rock stuck in shoe</i>	
					18				
					19				
					20				

BORING LOG

BORING: F-DU1-513

DATE(S) DRILLED: 2/23/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 7:25

END TIME: 8:35

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 2"

DEPTH TO GROUNDWATER: -

DRILLING CONTRACTOR / DRILLER NAME: Kehoe Ridy/Oruce

TERMINAL DEPTH: 16'

PID CAL GAS/DATE: 100 ppL Isobutylene

SAMPLING METHOD: A corok sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			~ 3" asphalt	4000
					1			~ 3-5" base w/ sand	PSI
					2			↓ ST Silty sand, yellow brown ↑ v. fine to medium	↑
7:50		S13-3			3	0	58	Sand, trace gravel/silt yellowish/light brown, st. med. med dens, no odor, no discoloration fine to coarse	3
					4				4
					5				5
					6				6
					7				7
					8				8
7:57		S13-8			8	0	ST	Silty sand, med brown, v. fine to coarse, trace gravel st. m, med cl., NO, ND	Hydr. Bend.
					9			↓	9
					10				10

BORING LOG

BORING: **F-D41-S-13**

LOGGED BY: **G. Baader**

PAGE **2** OF **2**

PROJECT NO.: **9836002041**

PROJECT ADDRESS **2627 N Hollywood Way, Burbank, CA 91505**

PROJECT NAME: **Burbank Airport**

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10		SP		
					11				
					12		98	Sand ↓	
					13				
					14				
8:22		S-13-15			15	0 98		Sand, trace gravel/silt light brown, dry to sl. moist, med dense, no odor, no disc. fine to coarse	
					16			EOB	hydr. Bed.
					17				
					18				
					19				
					20				

BORING LOG

BORING: F-DU15-14

DATE(S) DRILLED: 2/22/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 14:35

END TIME: 15:15

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Geoprobe

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 1.25"

DEPTH TO GROUNDWATER: -

DRILLING CONTRACTOR / DRILLER NAME: KETHOE / KUDY

TERMINAL DEPTH: 16'

PID, CAL GAS/DATE: 100pph Isobutylene

SAMPLING METHOD: Headak Sleeve

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			~3" asphalt	4,000 PSI
					1			4-5" base (sand, dark brown)	colored
					2		SP	Silty Sand, yellowish brown, trace gravel.	Hydr. Band.
					3		SP	SAND, light brown, large	
14:40		S14-3			4			grades to coarse sand, yellowish-beige / light brown, med dense, st. moist. NO, ND	
					5				
					6		SP		
					7				
					8		SP	Sand (fine from above), yellowish / gray slightly moist, med dense base gravel, NO, ND	
14:44		S14-8			9				
					10				

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10		<i>SH</i>	<i>Sand</i>	<i>↑</i>
					11				
					12				
					13		<i>SH</i>	<i>Silty Sand / Sand w/ silt, trace gravel very fine to coarse (Refuse at 15' lid rock, not enough silt (5%)) Redrilled 1 foot N 1.5-foot new way</i>	<i>↑</i>
<i>15:07</i>		<i>S-14-15</i>			15				<i>↓</i>
					16			<i>EOB</i>	
					17				
					18				
					19				
					20				

BORING LOG

BORING: F-001-S-15

DATE(S) DRILLED: 2/22/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 13:55

END TIME: 14:30

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: *Geoprobe*

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 1.25"

DEPTH TO GROUNDWATER: -

DRILLING CONTRACTOR/DRILLER NAME: *KEEBOE*

TERMINAL DEPTH: 16'

PID CAL GAS/DATE: 100 ppm Isobutylene

SAMPLING METHOD: *Acetate*

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			~3" asphalt	4,000 PSI Concrete
					1		St Silty Sand Same as S-16		
					2				
14:02		S-15-3			3	0	SP Sand, same as S-16		
					4				
					5				
					6				
					7				
14:10		S-15-8			8	0	SP Silty sand, med brown same as above trace gravel		
					9				
					10		SP Sand, trace gravel, silty, yellowish-brown, med dense, sl. moist NOI/D		

Hydr. Bend.

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11		<i>SP</i>		
					12				
					13				
					14				
<i>14:20</i>		<i>S-15-15</i>			15	<i>0</i>	<i>SP</i>	<i>Sand, Same as above</i>	<i>Hydr. Sand</i>
					16			<i>EOB</i>	
					17				
					18				
					19				
					20				

BORING LOG

BORING: F-DU1-S-16

DATE(S) DRILLED: 2/22/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 13:15

END TIME: 13:45

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: Gasprobe

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 1.75"

DEPTH TO GROUNDWATER:

DRILLING CONTRACTOR / DRILLER NAME: KETHOE

TERMINAL DEPTH: 16'

PID CAL GAS/DATE: 100 PDL Isobutylene

SAMPLING METHOD: Aedote

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			~ 3" asphalt	4000 PSI Concrete
					0			~ 3" base, dark brown	
					1	SH		Silty sand, yellowish brown to med. brown, med dense, st. med, NO, MD, v. fine to med.	Hydrated Bent.
					2				
13:19		S-16-3			3	0	SP	Sand, yellowish-beige light brown, fine to coarse, trace gravel/silt, st. med, med. dense, NO, MD.	
					4				
					5				
					6				
					7				
					8				
13:26		S-16-8			8	0	SP	Sand, yellowish brown, fine to med, same as above	
					9		SH	Silty sand, same as 1 foot above	
					10				

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10		<i>SH</i>	<i>Silty sand</i>	
					11				
					12				
					13		<i>SH</i>	<i>sand to</i>	
					14				
<i>13:35</i>		<i>S-16-15</i>			15	<i>0</i>	<i>SP</i>	<i>Sand, fine to med (no gravel), yellowish-ash & brown, med. dense, st moist. No odor, no discolor.</i>	<i>hydr. Br.</i>
					16			<i>EOR</i>	
					17				
					18				
					19				
					20				

BORING LOG

BORING: FDU1-S-17

DATE(S) DRILLED: 2/22/17

PAGE 1 OF 2

PROJECT NAME: Burbank Airport

LOGGED BY: G. Baader

START TIME: 12:30

END TIME: 13:10

PROJECT ADDRESS: 2627 N Hollywood Way, Burbank, CA 91505

DRILLING METHOD & RIG: GP

PROJECT NO.: 9836002041

BOREHOLE DIAMETER: 1.25"

DEPTH TO GROUNDWATER: -

DRILLING CONTRACTOR / DRILLER NAME: KEHOE

TERMINAL DEPTH: 16 feet

PID CAL GAS/DATE: 100ppm Isobutylene

SAMPLING METHOD: A cadok seeder

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			~ 3" asphalt	
					1			~ 3" base Sand w/ gravel dark brown / black	41000 psi Concrete
					1-2		SN	Silty Sand, same as S-18 med. brown	
					3		SP	Sand, trace gravel / silt, yellowish brown, fine to coarse, sl. moist, med dense, NO, ND	
12:45		S-17-3			3				
					4				
					5				
					6				
					7				
					8		SP	Sand, same as 17-3	
12:50		S-17-8			8				
					9				
					10				

hydr. Bound.

3
8
15

BORING LOG

BORING: *FDU1 S-17*

LOGGED BY: *G. Baader*

PAGE *2* OF *2*

PROJECT NO.: *9836002041*

PROJECT ADDRESS *2627 N Hollywood Way, Burbank, CA 91505*

PROJECT NAME: *Burbank Airport*

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11				
					12				
					13				
					14				
<i>13:00</i>		<i>S-17-15</i>	0	SP	15	<i>0</i>	<i>SP</i>	<i>Sand, same as above</i>	<i>hydr. Bay 1.</i>
					16			<i>EOB</i>	
					17				
					18				
					19				
					20				

BORING LOG

BORING: *F-D01-S-18*

DATE(S) DRILLED: *2/22/17*

PAGE *1* OF *2*

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: *11:00*

END TIME: *11:45*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: *Geoprobe DPT*

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: *1.25*

DEPTH TO GROUNDWATER: *-*

DRILLING CONTRACTOR / DRILLER NAME: *12 EBF*

TERMINAL DEPTH: *16'*

PID CAL GAS/DATE: *1090L isobutylene*

SAMPLING METHOD: *Acetate scoop*

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					—			3" asphalt ~	4,000
					—			3" base ~ dark brown sandy w/ gravel	PSI
					1			Silty sand, v. fine to coarse trace gravel, med. dens, st. moist, NO, MD	check
					2				
<i>11:13</i>		<i>S-18-3</i>			3	<i>0</i>	<i>SP</i>	Sand, yellowish-brown, fine to coarse, trace gravel, med. dens, st. moist, w. oad, no discoloration.	
					4				
					5				
					6				
					7				
<i>11:25</i>		<i>S-18-8</i>			8	<i>0</i>	<i>SP</i>	Silty sand / sand w/ silt trace gravel, v. fine to coarse, med. dens, st. moist, NO, MD	
					9			↓ grades to sand	
					10				

Hydr. Band

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					10				
					11				
					12				
					13				
					14				
<i>11:35</i>		<i>5-18-15</i>			15	<i>0 98</i>		<i>Sand, trace gravel / silt, yellowish-brown Same as above</i>	
					16			<i>EOB</i>	
					17				
					18				
					19				
					20				



BORING LOG

BORING: *F-D41-S-19*

DATE(S) DRILLED: *2-22-17*

PAGE *1* OF *2*

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: *9:50* | END TIME: *11:00*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: *Geoprobe DPT*

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: *1.25"*

DEPTH TO GROUNDWATER: *-*

DRILLING CONTRACTOR / DRILLER NAME: *K & H Richey/Quince*

TERMINAL DEPTH: *16'*

PID CAL GAS/DATE: **Isobutylene**

SAMPLING METHOD: *Acetate Secone*

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					0			3" asphalt ~ 3" base w/soil ~	<i>Acetate</i>
					1	<i>SK ST</i>		Silty Sand, same as S-20	
					2			<u>Sand, all otherwise same as S-20</u>	
<i>10:04</i>		<i>S-19-3</i>			3	<i>0 ST</i>		Silty Sand Same as S-20	
					4			<u>Sand w silt fine to coarse yellowish brown, trace gravel, med dense, st. moist, no odor, no disc.</u>	<i>Hydr. Barb.</i>
					5	<i>ST</i>			
					6				
					7				
<i>10:17</i>		<i>S-19-8</i>			8	<i>0 ST</i>			
					9				
					10	<i>ST</i>		<u>Silty sand gray-brown w/gravel</u> <u>Sand as 19-4'</u>	

BORING LOG

BORING: *FD41-S-20*

DATE(S) DRILLED: *2/22/17*

PAGE *1* OF *2*

PROJECT NAME: **Burbank Airport**

LOGGED BY: **G. Baader**

START TIME: *8:45* | END TIME: *9:40*

PROJECT ADDRESS: **2627 N Hollywood Way, Burbank, CA 91505**

DRILLING METHOD & RIG: *Acadate slaver*

PROJECT NO.: **9836002041**

BOREHOLE DIAMETER: *1.25"*

DEPTH TO GROUNDWATER: *-*

DRILLING CONTRACTOR/DRILLER NAME: *KITCOE*

TERMINAL DEPTH:

PID CAL GAS/DATE: **Isobutylene**

SAMPLING METHOD: *Geoprobe direct push*

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					1				hydrat low
					2				crk
					3				Beds
					4				1-1.5' obt
					5				hydrat
					6				
					7				
<i>8:56</i>		<i>S-20-3</i>			8	<i>0</i>	<i>SH</i>	<i>Silty sand, light brown / yellowish brown, fine to very coarse, trace gravel, med dense, slightly moist, no odor, no discoloration</i>	
					9				
					10				
<i>9:12</i>		<i>S-20-8</i>			11	<i>0</i>	<i>SH / SL</i>	<i>Same as above slightly sandier</i>	
					12				
					13				
					14				
					15				

NOTES:

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION	
					10			<i>Silty sand as above</i>		
					11					
					12					
					13				<i>SAND, fine to coarse, trace gravel, yellowish-brown, med. dense, sl, moist, no odor, no discoloration.</i>	
					14					
<i>9:28</i>		<i>S-20-15</i>			15	<i>0</i>	<i>58</i>			
					16					<i>End of boring, NO GW</i>
					17					
					18					
					19					
					20					