LOG OF BORING NO. C-14

GEC Job # | SHEET 1 OF 1

CLIENT: Hanson Professional Services, Inc. | PROJECT: Lewis Airport

STATION: | LOCATION: North Culvert

GROUND SURFACE ELEVATION 630.70

Sample No.	Type Sample	Sample Distance	% Recovery	Description of Material	Elevation
1	SS	100		Brown/dark brown silt with some gravel, med. dense, (ML)	3.0 / 627.7
2	SS	100		Light brown silt, with gravel & clay, med. dense to loose, (ML)	8.0 / 622.7
3	SS	33			
4	SS	100		Light brown silty clay and gravel -- very moist, soft, (CL)	13.0 / 617.7
5	SS	11		Gray sand & gravel, extremely dense, spoon refusal at 15 feet, (SW-GP)	15.0 / 615.7

End Of Boring

Unconfined Compressive Strength Tons/Ft.2 — Calibrated Penetrometer Tons/Ft.2 — Water Content % — Standard "N" Penetration Blows/Ft.

Water Level Observations	
W.L.	Dry
W.L.	Caved-in @ 12.5'
W.L.	

Ground Engineering Consultants, Inc.
350 Pfingsten Road, Suite 106
Northbrook, Illinois 60062
Tel: (847) 559-0085 Fax: (847) 559-0181

Boring Started 9/1/05 | Boring Completed 9/1/05 | Boring Drilled By Foreman | Approved SAG

LOG OF BORING 090105 LEWIS AIRPORT.GPJ

LOG OF BORING NO. C-15

GEC Job # | SHEET 1 OF 1

CLIENT: Hanson Professional Services, Inc. | PROJECT: Lewis Airport

STATION: | LOCATION: North Culvert

GROUND SURFACE ELEVATION 630.90

Sample No.	Type Sample	Sample Distance	% Recovery	Description of Material	Elevation
1	SS	100		Light brown silt trace clay & root fragments, med. dense, (ML)	3.5 / 627.6
2	SS	55		Light brown clayey silt with gravel, extremely dense, (CL-ML)	
3	SS	100		Note: some very large gravel to boulders visible on excavation	
4	SS	0			8.5 / 622.4

End Of Boring

Unconfined Compressive Strength Tons/Ft.2 — Calibrated Penetrometer Tons/Ft.2 — Water Content % — Standard "N" Penetration Blows/Ft.

Water Level Observations	
W.L.	Dry
W.L.	Caved-in @ 7.5'
W.L.	

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LOG OF BORING 090105 LEWIS AIRPORT.GPJ

LOG OF BORING NO. C-16

GEC Job # | SHEET 1 OF 1

CLIENT: Hanson Professional Services, Inc. | PROJECT: Lewis Airport

STATION: | LOCATION: North Culvert

GROUND SURFACE ELEVATION 632.30

Sample No.	Type Sample	Sample Distance	% Recovery	Description of Material	Elevation
				Brown silty topsoil	1.5 / 631.1
1	SS	38		Light brown silt with gravel, med. dense, (ML-GP)	
2	SS	100			6.0 / 626.3
3	SS	100		Light brown silty clay some gravel, stiff, (CL)	8.0 / 624.3
4	SS	100		Light brown silt some clay & gravel, med. dense, (ML)	
5	SS	5		Brown/gray sand & gravel, extremely dense, (SW-GP)	14.0 / 618.3; 15.0 / 617.3

End Of Boring

Unconfined Compressive Strength Tons/Ft.2 — Calibrated Penetrometer Tons/Ft.2 — Water Content % — Standard "N" Penetration Blows/Ft.

Water Level Observations	
W.L.	Dry
W.L.	Caved-in @ 11.3'
W.L.	

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LOG OF BORING 090105 LEWIS AIRPORT.GPJ

LOG OF BORING NO. C-17

GEC Job # | SHEET 1 OF 1

CLIENT: Hanson Professional Services, Inc. | PROJECT: Lewis Airport

STATION: | LOCATION: North Culvert

GROUND SURFACE ELEVATION 633.00

Sample No.	Type Sample	Sample Distance	% Recovery	Description of Material	Elevation
				Brown clayey silt with gravel	1.5 / 632.1
1	SS	100		Light brown gravel some silt, med. dense to dense, (ML-GP)	
2	SS	100		Auger Refusal at 5.3'.	5.3 / 628.3
	PA				

End Of Boring

Unconfined Compressive Strength Tons/Ft.2 — Calibrated Penetrometer Tons/Ft.2 — Water Content % — Standard "N" Penetration Blows/Ft.

Water Level Observations	
W.L.	Dry
W.L.	
W.L.	

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LOG OF BORING 090105 LEWIS AIRPORT.GPJ

LOG OF BORING NO. C-18

GEC Job # | SHEET 1 OF 1

CLIENT: Hanson Professional Services, Inc. | PROJECT: Lewis Airport

STATION: | LOCATION: North Culvert

GROUND SURFACE ELEVATION 633.00

Sample No.	Type Sample	Sample Distance	% Recovery	Description of Material	Elevation
				Light brown sandy silt with root & peat Organic Content = 13.8%	1.5 / 633.0
1	SS	44		Light brown silt and gravel, dense, (ML-GP)	5.0 / 632.0
2	SS	77		Gravel some silt, extremely dense to very dense, (GP)	
3	SS	22			
4	SS	11			
5	SS	22			15.0 / 620.0

End Of Boring

Unconfined Compressive Strength Tons/Ft.2 — Calibrated Penetrometer Tons/Ft.2 — Water Content % — Standard "N" Penetration Blows/Ft.

Water Level Observations	
W.L.	Dry
W.L.	Dry 24 hrs. AB
W.L.	

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LOG OF BORING 090105 LEWIS AIRPORT.GPJ

LOG OF BORING NO. C-19

GEC Job # | SHEET 1 OF 1

CLIENT: Hanson Professional Services, Inc. | PROJECT: Lewis Airport

STATION: | LOCATION: North Culvert

GROUND SURFACE ELEVATION 635.90

Sample No.	Type Sample	Sample Distance	% Recovery	Description of Material	Elevation
1	SS	55		Light brown clayey silt some gravel, hard, (CL-ML)	
2	SS	11			
3	SS	5			
4	SS	27			11.0 / 625.0
5	SS	50		Gravel some silt, light brown, lr. gray, dense, (GP)	15.0 / 621.0

End Of Boring

Unconfined Compressive Strength Tons/Ft.2 — Calibrated Penetrometer Tons/Ft.2 — Water Content % — Standard "N" Penetration Blows/Ft.

Water Level Observations	
W.L.	Dry
W.L.	Caved-in @ 8.5'
W.L.	

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Boring Started 8/30/05 | Boring Completed 8/30/05 | Boring Drilled By Foreman | Approved SAG

LOG OF BORING 090105 LEWIS AIRPORT.GPJ

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HANSON

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Chicago-Romeoville Airport

JOLIET REGIONAL PORT DISTRICT

1 Hangar Road
Romeoville, Illinois 60446
Telephone: 815.838.9497
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CONSTRUCT RUNWAY 2-20
DRAINAGE CULVERTS AND
IMPROVEMENTS

AIP PROJECT NO. 3-17-0140-B40
IDA PROJECT NO. LOT-3596

No.	Drawing Issue Description	Date	By

Date

MAY 5, 2006

Sheet Title

BORING LOGS
C-14 THRU C-19

840-05C8046
Project Number

LDH 10/06/06
Layout By Date

LDH 10/06/06
Designed By Date

CRC 05/05/06
Reviewed By Date

Drawn By

Sheet No. 54

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