APPENDIX H

SURVEY DATA

HUNTER SURVEYING, INC.

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07 June 2002

International Technology Corporation
4005 Port Chicago Highway
Concord, CA 94520

Attn: Scott Elkind

Re: **Hamilton Army Airfield-Building 41/Spoils Pile F/Revetments 6 & 7-Sample Points (REV 1)**

The following sample points were surveyed by conventional methods on Jan 28 and April 4, 2002 and rectified by GPS-RTK observations on 04 June 2002..

PT ID	NORTH	EAST	ELEV
Building 41 North Excavation			
41N-143	573070.7	1426298.2	-16.3
41N-144	573070.4	1426306.3	-18.0
41N-145	573077.3	1426310.0	-13.5
41N-146	573070.3	1426315.2	-13.2
41N-150	573070.1	1426276.7	-15.4
41N-169	573072.7	1426271.4	-14.8
Building 41 South Excavation			
41S-156	572968.3	1426202.6	-7.9
41S-157	572949.1	1426225.3	-6.9
41S-159	572979.8	1426218.1	-10.6
41S-160	572970.0	1426240.1	-9.8
41S-161	572954.1	1426273.5	-7.5
41S-162	572983.5	1426264.9	-5.8
Building 41 East "L" Excavation			
L-606	573073.4	1426261.9	-11.9
L-607	573081.3	1426252.3	-14.7
L-608	573085.1	1426243.6	-10.1
L-609	573107.8	1426247.1	-12.6
L-610	573116.8	1426252.4	-12.2
L-615	573121.9	1426255.9	-13.4
L-624	573068.9	1426255.4	-12.3
L-626	573130.3	1426260.2	-10.6

PT ID	NORTH	EAST	ELEV
Transformer Pad Excavation			
TP-601	572956.1	1426300.2	-4.4
TP-602	572961.4	1426312.3	-3.7
TP-603	572968.9	1426307.8	-4.9
TP-604	572983.6	1426314.1	-5.4
TP-605	572973.1	1426302.0	-4.8
Perimeter Drainage Ditch			
PD-601	573075.2	1426221.9	-14.1
PD-602	573122.6	1426242.5	-11.0
PD-603	573151.6	1426258.8	-13.7
PD-604	573174.2	1426278.3	-10.5
PD-605	573165.2	1426273.5	-12.2
Revetment 6 Excavation			
R6-194	573215.1	1425901.5	-6.7
R6-196	573228.9	1425927.3	-6.8
R6-197	573225.0	1425949.7	-7.8
R6-198	573205.4	1425960.2	-7.4
R6-199	573188.7	1425966.7	-8.1
R6-200	573176.0	1425961.8	-8.4
R6-202	573162.2	1425934.0	-8.3
R6-203	573182.7	1425905.5	-7.3
R6-210	573191.4	1425921.2	-11.7
R6-211	573164.8	1425931.1	-11.8
R6-213	573201.5	1425946.1	-11.7
R6-214	573173.6	1425960.4	-11.6
R6-215	573183.7	1425898.0	-7.3
R6-216	573187.8	1425981.1	-6.1
R6-217	573166.1	1425973.5	-7.3
R6-218	573152.3	1425961.6	-6.3
Revetment 7 Excavation			
R7-182	573442.6	1425589.9	-5.4
R7-184	573469.8	1425594.7	-5.2
R7-185	573496.2	1425598.5	-5.9
R7-186	573508.1	1425630.1	-6.6
R7-187	573516.7	1425650.6	-6.9
R7-189	573470.5	1425670.0	-7.5
R7-190	573470.2	1425632.9	-7.1
R7-191	573493.2	1425655.4	-6.8
R7-192	573477.1	1425655.2	-8.0
R7-219	573439.6	1425579.9	-5.2
R7-220	573471.0	1425585.5	-6.7
R7-221	573501.0	1425593.5	-5.1
R7-222	573515.4	1425627.6	-7.7
R7-223	573525.7	1425651.5	-5.7

PT ID	NORTH	EAST	ELEV
Spoils Pile F Excavation			
P-602	573169.4	1426299.3	-5.1
P-603	573254.4	1426345.5	-5.8
P-604	573345.0	1426394.5	-4.8
P-605	573317.3	1426435.4	-3.2
P-606	573292.2	1426477.4	-0.3
P-607	573247.0	1426454.8	-0.9
P-608	573200.0	1426433.0	-1.6
P-611	573237.9	1426336.4	-6.3
P-612	573284.1	1426361.8	-5.6
P-613	573253.7	1426404.1	-4.9
P-614	573213.3	1426383.3	-4.6
P-615	573163.6	1426361.6	-4.9
P-616	573119.8	1426335.5	-4.4
P-617	573088.3	1426384.0	-2.7
P-618	573147.1	1426415.0	-0.5
P-619	573177.0	1426418.7	-1.8
P-620	573205.0	1426436.2	-1.7

BASIS OF COORDINATES AND ELEVATION:

NAD27 Horizontal Feet Coordinates, CCS Zone 3, established by GPS-RTK observations based on COE Monuments 185-5, IGLOO and ROCK.

NGVD29 Vertical Feet Elevations established by GPS-RTK observations of NGS Benchmarks T736 (elev=1.791'), Z 551 (elev=29.606') and COE Monument 185-5 (elev=57.38').

Site surveying based on total station survey methods.

James L. White
LS 7722

PROFESSIONAL LAND SURVEYOR
JAMES L. WHITE
Exp. 03/31/05
LS 7722
STATE OF CALIFORNIA

Hamilton Army Airfield
Survey Data in Access Database
for 2002 Construction Report Activities

Sam_pt_id	Northing	Easting	Elevation	Description
HB41L601 *	573072	1426272	-24	Building 41 pre-excavation
HB41L602 *	573076	1426275	-21	Building 41 pre-excavation
HB41L603 *	573067	1426282	-22	Building 41 pre-excavation
HB41L604 *	573067	1426282	-25	Building 41 pre-excavation
HB41L605 *	573066	1426293	-22	Building 41 pre-excavation
HB41L606	573073.4	1426261.9	-11.9	Building 41 East "L" Excavation
HB41L607	573081.3	1426252.3	-14.7	Building 41 East "L" Excavation
HB41L608	573085.1	1426243.6	-10.1	Building 41 East "L" Excavation
HB41L609	573107.8	1426247.1	-12.6	Building 41 East "L" Excavation
HB41L610	573116.8	1426252.4	-12.2	Building 41 East "L" Excavation
HB41L611	573070.7	1426298.2	-16.3	Building 41 North Excavation
HB41L612	573070.4	1426306.3	-18	Building 41 North Excavation
HB41L613	573077.3	1426310	-13.5	Building 41 North Excavation
HB41L614	573070.3	1426315.2	-13.2	Building 41 North Excavation
HB41L615	573121.9	1426255.9	-13.4	Building 41 East "L" Excavation
HB41L616 *	573085	1426244	-12.1	Building 41 East "L" Excavation
HB41L617	573070.1	1426276.7	-15.4	Building 41 North Excavation
HB41L618	572968.3	1426202.6	-7.9	Building 41 South Excavation
HB41L619	572949.1	1426225.3	-6.9	Building 41 South Excavation
HB41L620	572979.8	1426218.1	-10.6	Building 41 South Excavation
HB41L621	572970	1426240.1	-9.8	Building 41 South Excavation
HB41L622	572954.1	1426273.5	-7.5	Building 41 South Excavation
HB41L623	572983.5	1426264.9	-5.8	Building 41 South Excavation
HB41L624	573068.9	1426255.4	-12.3	Building 41 East "L" Excavation
HB41L625	573130.3	1426260.2	-10.6	Building 41 East "L" Excavation
HB41L626	573072.7	1426271.4	-14.8	Building 41 North Excavation
HBPDL601	573075.2	1426221.9	-14.1	Perimeter Drainage Ditch
HBPDL602	573122.6	1426242.5	-11	Perimeter Drainage Ditch
HBPDL603	573151.6	1426258.8	-13.7	Perimeter Drainage Ditch
HBPDL604	573174.2	1426278.3	-10.5	Perimeter Drainage Ditch
HBPDL605	573165.2	1426273.5	-12.2	Perimeter Drainage Ditch
HBR6L601	573215.1	1425901.5	-6.7	Revetment 6 Excavation
HBR6L602	573228.9	1425927.3	-6.8	Revetment 6 Excavation
HBR6L603	573225	1425949.7	-7.8	Revetment 6 Excavation
HBR6L604	573205.4	1425960.2	-7.4	Revetment 6 Excavation
HBR6L605	573188.7	1425966.7	-8.1	Revetment 6 Excavation
HBR6L606	573176	1425961.8	-8.4	Revetment 6 Excavation
HBR6L607	573162.2	1425934	-8.3	Revetment 6 Excavation

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Sam_pt_id	Northing	Easting	Elevation	Description
HBR6L608	573182.7	1425905.5	-7.3	Revetment 6 Excavation
HBR6L609 *	573189	1425941	-8	Revetment 6 Excavation
HBR6L610	573191.4	1425921.2	-11.7	Revetment 6 Excavation
HBR6L611	573164.8	1425931.1	-11.8	Revetment 6 Excavation
HBR6L612 *	573184	1425938	-15	Revetment 6 Excavation
HBR6L613	573201.5	1425946.1	-11.7	Revetment 6 Excavation
HBR6L614	573173.6	1425960.4	-11.6	Revetment 6 Excavation
HBR6L615	573183.7	1425898	-7.3	Revetment 6 Excavation
HBR6L616	573187.8	1425981.1	-6.1	Revetment 6 Excavation
HBR6L617	573166.1	1425973.5	-7.3	Revetment 6 Excavation
HBR6L618	573152.3	1425961.6	-6.3	Revetment 6 Excavation
HBR7L601	573442.6	1425589.9	-5.4	Revetment 7 Excavation
HBR7L602	573469.8	1425594.7	-5.2	Revetment 7 Excavation
HBR7L603	573496.2	1425598.5	-5.9	Revetment 7 Excavation
HBR7L604	573508.1	1425630.1	-6.6	Revetment 7 Excavation
HBR7L605	573516.7	1425650.6	-6.9	Revetment 7 Excavation
HBR7L606	573470.5	1425670	-7.5	Revetment 7 Excavation
HBR7L607	573470.2	1425632.9	-7.1	Revetment 7 Excavation
HBR7L608	573493.2	1425655.4	-6.8	Revetment 7 Excavation
HBR7L609	573477.1	1425655.2	-8	Revetment 7 Excavation
HBR7L611	573439.6	1425579.9	-5.2	Revetment 7 Excavation
HBR7L612	573471	1425585.5	-6.7	Revetment 7 Excavation
HBR7L613	573501	1425593.5	-5.1	Revetment 7 Excavation
HBR7L614	573515.4	1425627.6	-7.7	Revetment 7 Excavation
HBR7L615	573525.7	1425651.5	-5.7	Revetment 7 Excavation
HBSFL602	573169.4	1426299.3	-5.1	Spoils Pile F Excavation
HBSFL603	573254.4	1426345.5	-5.8	Spoils Pile F Excavation
HBSFL604	573345	1426394.5	-4.8	Spoils Pile F Excavation
HBSFL605	573317.3	1426435.4	-3.2	Spoils Pile F Excavation
HBSFL606	573292.2	1426477.4	-0.3	Spoils Pile F Excavation
HBSFL607	573247	1426454.8	-0.9	Spoils Pile F Excavation
HBSFL608	573200	1426433	-1.6	Spoils Pile F Excavation
HBSFL611	573237.9	1426336.4	-6.3	Spoils Pile F Excavation
HBSFL612	573284.1	1426361.8	-5.6	Spoils Pile F Excavation
HBSFL613	573253.7	1426404.1	-4.9	Spoils Pile F Excavation
HBSFL614	573213.3	1426383.3	-4.6	Spoils Pile F Excavation
HBSFL615	573163.6	1426361.6	-4.9	Spoils Pile F Excavation
HBSFL616	573119.8	1426335.5	-4.4	Spoils Pile F Excavation
HBSFL617	573088.3	1426384	-2.7	Spoils Pile F Excavation

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Sam_pt_id	Northing	Easting	Elevation	Description
HBSFL618	573147.1	1426415	-0.5	Spoils Pile F Excavation
HBSFL619	573177	1426418.7	-1.8	Spoils Pile F Excavation
HBSFL620	573205	1426436.2	-1.7	Spoils Pile F Excavation
HBSFL622 *	573167	1426417	-2.5	Spoils Pile F Excavation
HBTPL601	572956.1	1426300.2	-4.4	Transformer Pad Excavation
HBTPL602	572961.4	1426312.3	-3.7	Transformer Pad Excavation
HBTPL603	572968.9	1426307.8	-4.9	Transformer Pad Excavation
HBTPL604	572983.6	1426314.1	-5.4	Transformer Pad Excavation
HBTPL605	572973.1	1426302	-4.8	Transformer Pad Excavation

* Sample point was not surveyed by Hunter Surveying.
The northings and eastings shown are estimated to the nearest foot from locations shown on sketches from the field sampling personnel.
The elevations are estimated to the nearest foot by deriving ground surface elevation from nearby sample points which were surveyed, and then subtracting the depth below ground surface of the sample from the sample collection log.

Sample locations used to estimate the elevations of the unsurveyed samples:

Unsurveyed sample	Surveyed sample
HB41L601	HB41L617
HB41L602	HB41L617
HB41L603	HB41L617 and 612
HB41L604	HB41L617 and 612
HB41L605	HB41L612
HB41L616	HB41L608
HBR6L609	HBR6L610 and 613
HBR6L612	HBR6L610 and 613
HBSFL622	HBSFL619