

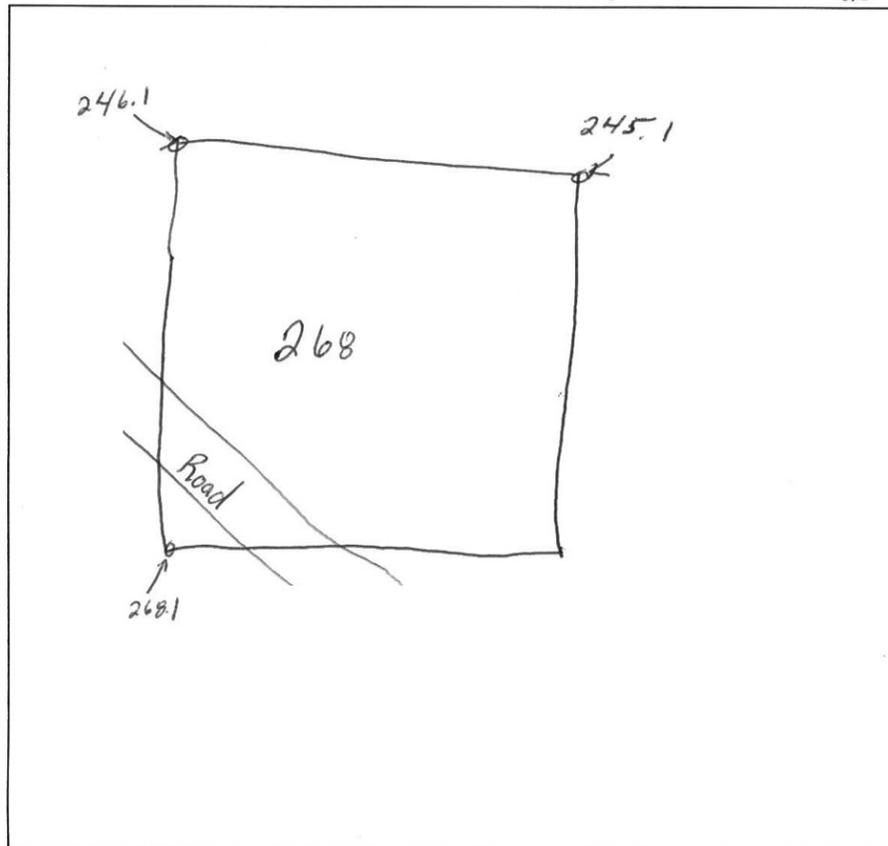
Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: <i>Map 1</i>	Instrument	Serial #	Weather:
Date: <i>6-12-03</i>	Allegro	<i>5173</i>	<i>Cloudy</i>
Em File: <i>1612268a</i>	Positioning	<i>Set 1</i>	Tree Density:
Positioning File: <i>1612268a</i>	Coil	<i>991612</i>	<i>Median</i>
START TIME: <i>1:31</i>	Backpack	<i>21933-3</i>	Terrain:
STOP TIME: <i>2:25</i>	EM Battery Voltage:		
Grids Completed: <i>268</i>	<i>12.75</i>		<i>Hilly</i>
STAKE ID	X	Y	Z
<i>268.1</i>	<i>43.52</i>	<i>117.48</i>	<i>-22.79</i>
<i>246.1</i>	<i>117.00</i>	<i>49.35</i>	<i>-14.31</i>
<i>245.1</i>	<i>48.83</i>	<i>-24.16</i>	<i>3.46</i>

PLEASE NOTE LOCATION OF STAKES:

Coil: South

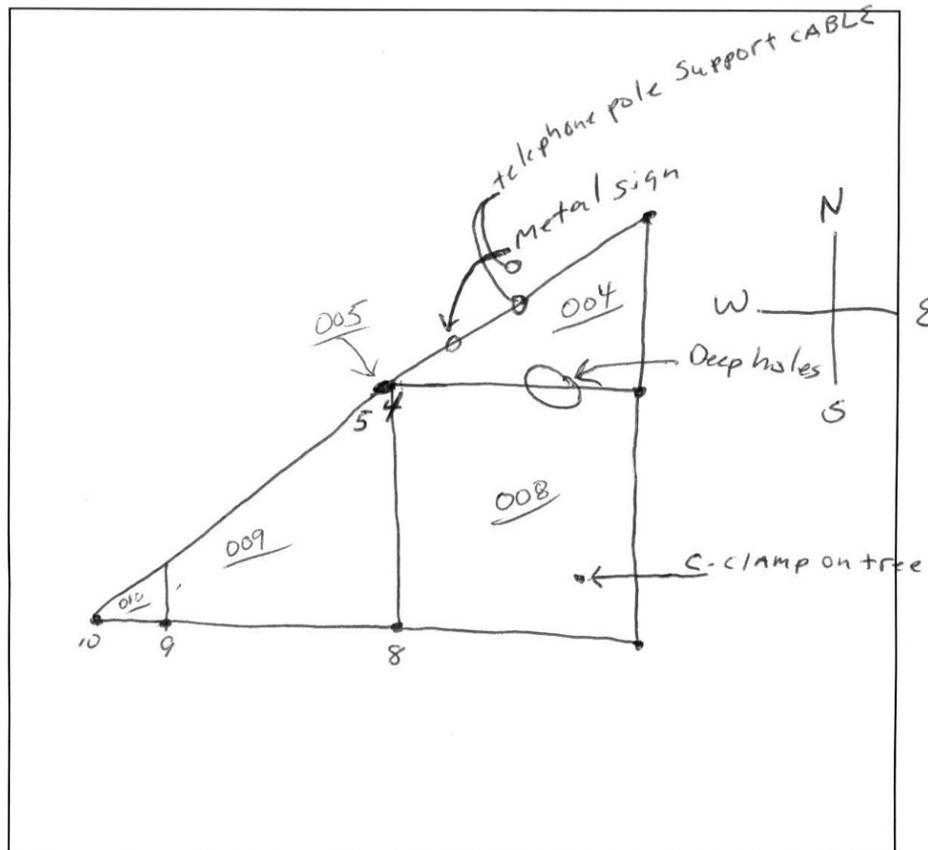
Backpack: Steelman



Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 2	Instrument	Serial #	Weather:
Date: 6/2/03	Allegro	5149	OVERCAST, Humid 80°
Em File: 2612004A	Positioning	SET 2	Tree Density:
Positioning File: 2612004A	Coil	991614	LIGHT
START TIME: 0819	Backpack	21922-3	Terrain: Grid 4 has chest high grass
STOP TIME: 0934 43	EM Battery Voltage:		LIGHTLY SLOPED TO FLAT
Grids Completed: 001, 005, 008, 009, 010	12.9		
COIL WALKER: KENT	BACKPACK OPERATOR: DANNY		
STAKE ID	X	Y	Z
009	188.77	22.54	9.95
008	113.75	88.71	4.61
003	-27.50	80.23	-4.11
004	47.48	13.70	1.10

PLEASE NOTE LOCATION OF STAKES:

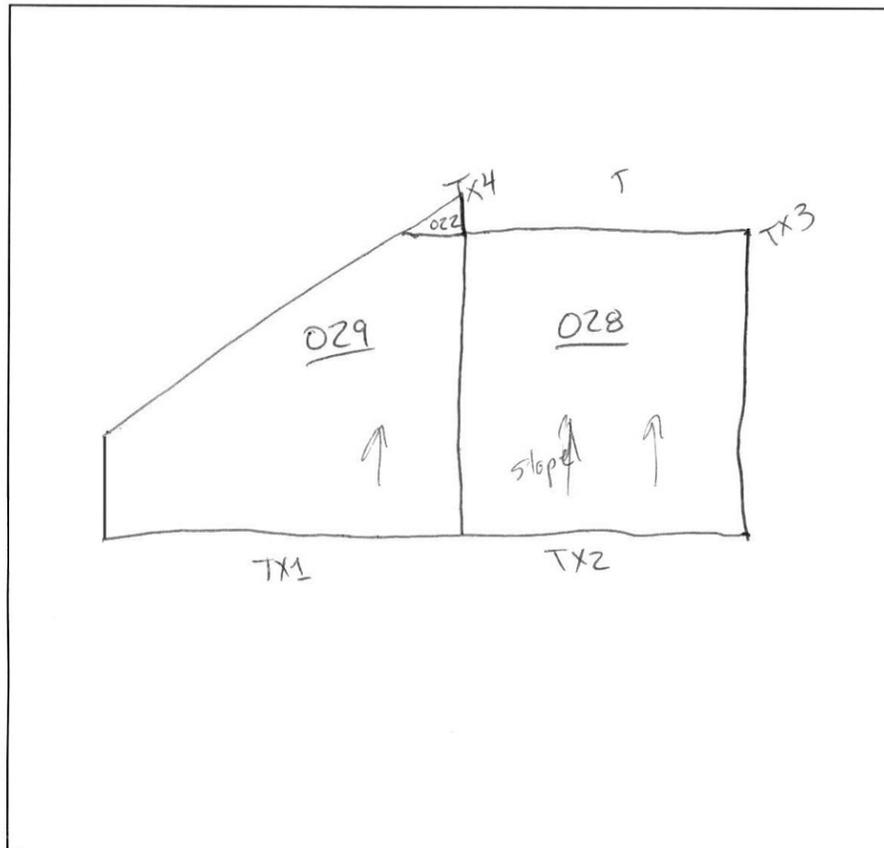


10F3

Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 2	Instrument	Serial #	Weather:
Date: 6/12/03	Allegro	5149	Cloudy, Breezy, 85°
Em File: 2612028A	Positioning	SET 2	Tree Density:
Positioning File: 2612028A	Coil	991614	MEDIUM
START TIME: 12:30	Backpack	21922-3	Terrain:
STOP TIME: 13:13	EM Battery Voltage:		STEP SLOPED WOODS
Grids Completed: 022, 028, 029,	12.75		
COIL WALKER: TY	BACKPACK OPERATOR: KENT		
STAKE ID	X	Y	Z
028	30.01	10.94	1.85
027	129.68	5.50	6.01
020	135.30	105.06	-5.74
021	35.46	110.85	-17.78

PLEASE NOTE LOCATION OF STAKES:



2 of 3

Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 2	Instrument	Serial #	Weather:
Date: 6/12/03	Allegro	5149	overcast Breezy 85°
Em File: 2612028B	Positioning	SET 2	Tree Density:
Positioning File: 2612028B	Coil	991614	Medium
START TIME: 13:16	Backpack	21922-3	Terrain:
STOP TIME: 13:37	EM Battery Voltage:		Steep Sloped woods
Grids Completed: 028,029	13:05		
COIL WALKER: Ty	BACKPACK OPERATOR: Kent		
STAKE ID	X	Y	Z

PLEASE NOTE LOCATION OF STAKES:

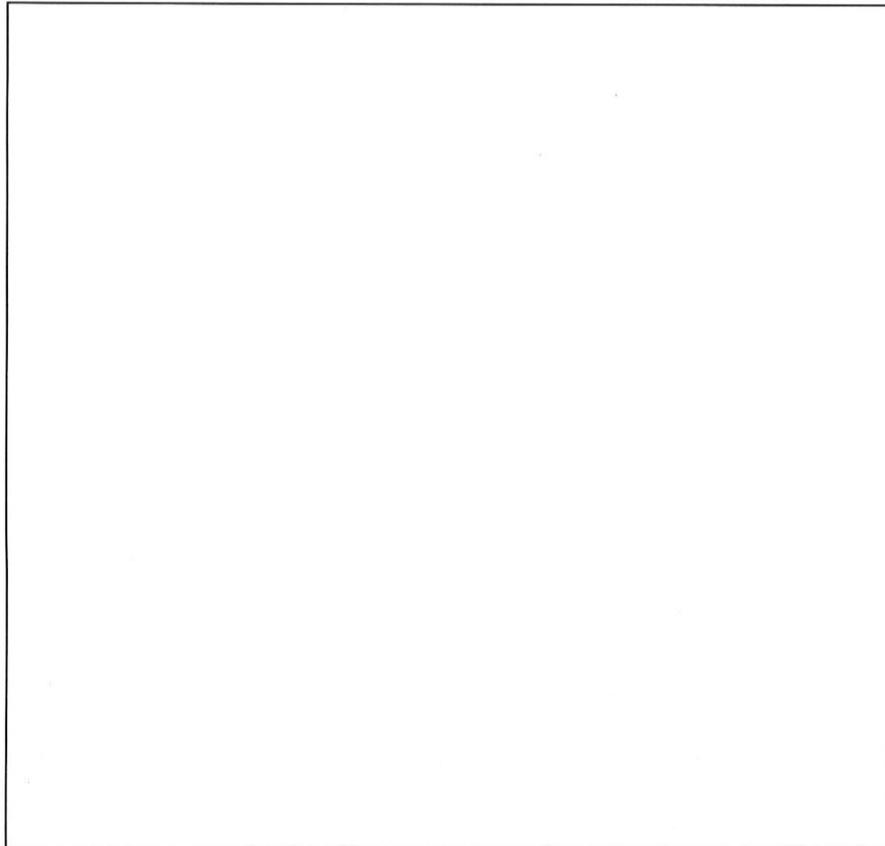
* LOST DIGITAL SIGNAL BEHIND TREES. NO END BAR.

3 of 3

Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 2	Instrument	Serial #	Weather: 90°
Date: 6/12/03	Allegro	5149	Cloudy, Possible, T-storms
Em File: 2612028C	Positioning	SET 2	Tree Density:
Positioning File: 2612028C	Coil	991614	
START TIME: 1344	Backpack	21922-3	Terrain:
STOP TIME: 1355	EM Battery Voltage:		Sloped Woods
Grids Completed: 022, 028, 029	COIL WALKER:		
			BACKPACK OPERATOR:
STAKE ID	X	Y	Z

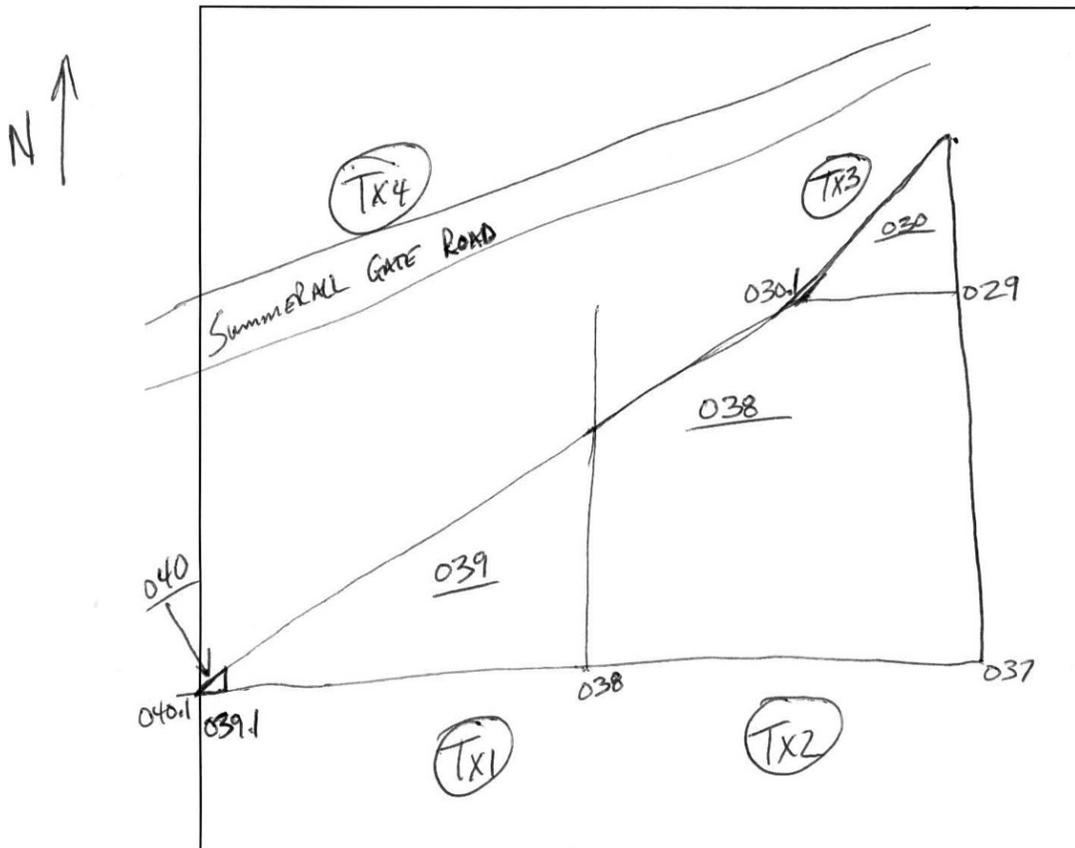
PLEASE NOTE LOCATION OF STAKES:



Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 2	Instrument	Serial #	Weather:
Date: 6/13/03	Allegro 4	5149	Cloudy 82°
Em File: 2613030A	Positioning	SET 2	Tree Density:
Positioning File: 2613030A	Coil	991614	Medium to Heavy
START TIME: 0921	Backpack	21922-3	Terrain:
STOP TIME: 1039	EM Battery Voltage:		wooded slope
Grids Completed: 039, 038, 039, 040	12.4		
COIL WALKER: Kait	BACKPACK OPERATOR: Danny		
STAKE ID	X	Y	Z
038	17.08	9.13	3.64
039.1	-82.81	14.11	-8.22
029	121.70	104.52	10.34
030.1	60.76	107.47	3.59

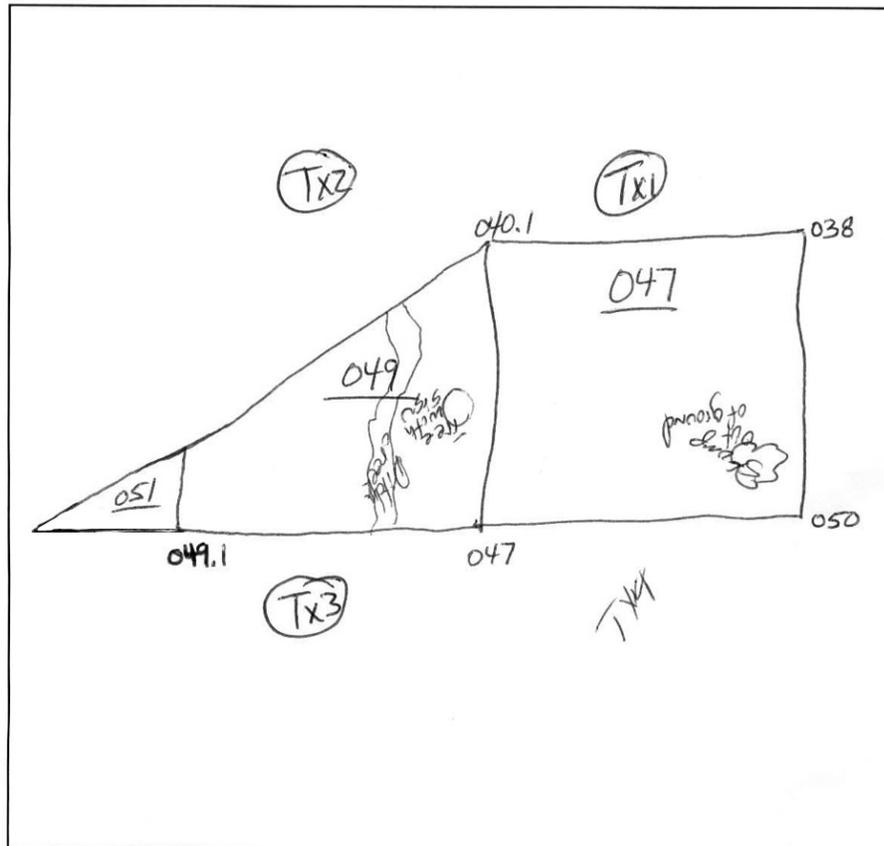
PLEASE NOTE LOCATION OF STAKES:



Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 2	Instrument	Serial #	Weather:
Date: 6/13/03	Allegro	5149	OVERCAST, Humid 85°
Em File: 2613047A	Positioning	SET 2	Tree Density:
Positioning File: 2613047A	Coil	991614	MED HEAVY TO NONE
START TIME: 13:12	Backpack	21922-3	Terrain:
STOP TIME: 13:33	EM Battery Voltage:		Sloped Woods To FLAT DITCH AREA
Grids Completed: 047, 049, 051	12.6		
COIL WALKER:	BACKPACK OPERATOR:		
STAKE ID	X	Y	Z
040.1	23.52	12.73	-1.87
038	-75.48	12.75	9.94
050	-75.39	110.97	2.06
049.1	120.72	110.99	-7.93

PLEASE NOTE LOCATION OF STAKES:



Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 2	Instrument	Serial #	Weather:
Date: 06/13/03	Allegro	5149	Tree Density:
Em File: 2613047B	Positioning	SET 2	
Positioning File: 2613047B	Coil	991614	Terrain:
START TIME: 13:57	Backpack	21922-3	
STOP TIME: 14:31	EM Battery Voltage:		
Grids Completed: 017,049,051	12.75		
COIL WALKER: Ty	BACKPACK OPERATOR: Kent		
STAKE ID	X	Y	Z

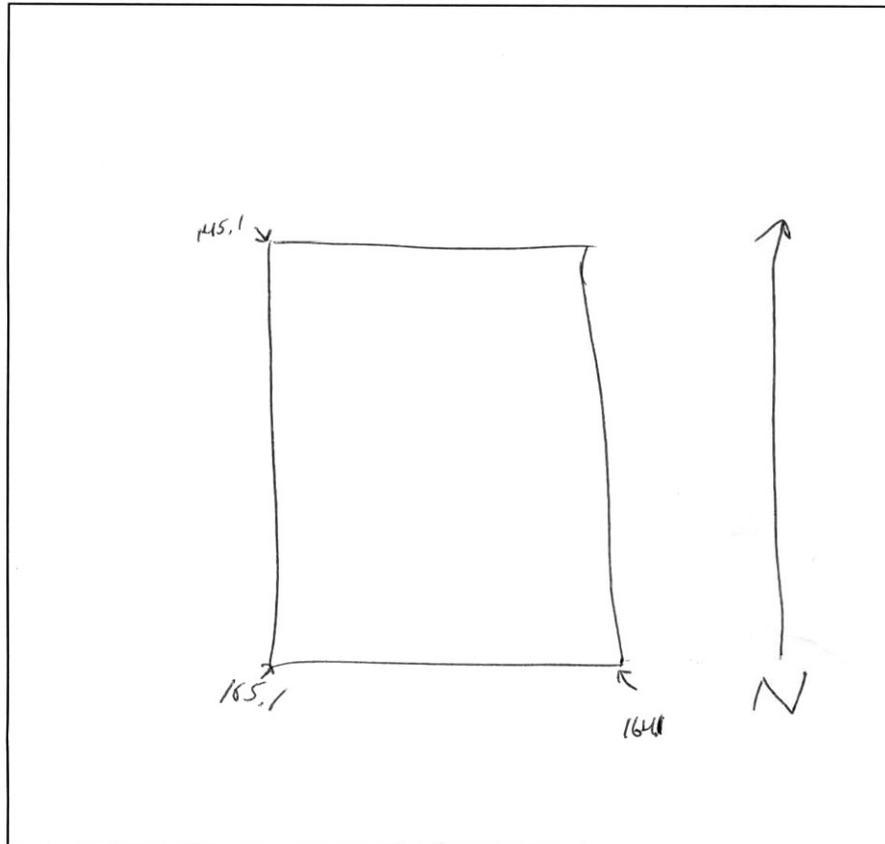
PLEASE NOTE LOCATION OF STAKES:

* LOST COMMUNICATIONS WITH COMPUTER + IPAD.
 HAD TO START FILE "B".

Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 1	Instrument	Serial #	Weather:
Date: 6-16-03	Allegro	5173	Part sun
Em File: 1616165a	Positioning	SET 1	Tree Density:
Positioning File: 1616165a	Coil	991612	Medium
START TIME: 11:19:01	Backpack	21933-3	Terrain:
STOP TIME: 11:59:00	EM Battery Voltage:		Hilly
Grids Completed: 165	12.6		
COIL WALKER: Steelman	BACKPACK OPERATOR: Sloth		
STAKE ID	X	Y	Z
164.1	33.34	-20.51	0.50
165.1	-13.19	68.33	-8.16
145.1	175.65	114.16	-22.16

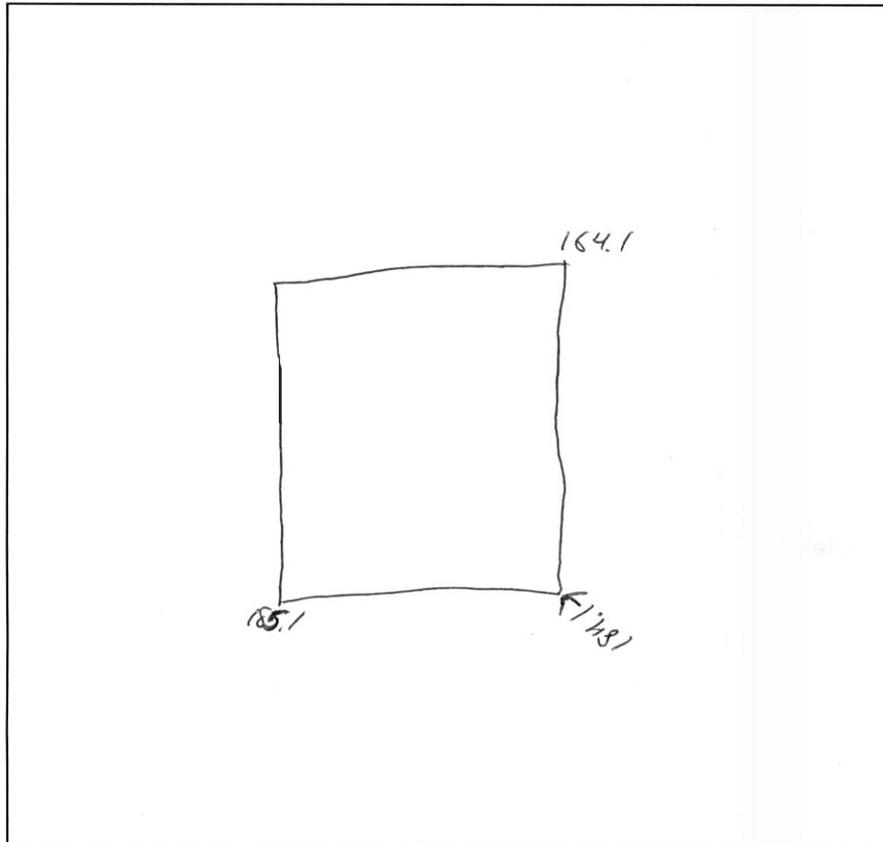
PLEASE NOTE LOCATION OF STAKES:



Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 1	Instrument	Serial #	Weather:
Date: 6-16-03	Allegro	5173	Cloudy
Em File: 1616185a	Positioning	SET 1	Tree Density:
Positioning File: 1616185a	Coil	991612	Medium
START TIME: 0847	Backpack	21933-3	Terrain:
STOP TIME: 0930	EM Battery Voltage:		Hilly
Grids Completed: 185	12.8		
COIL WALKER: Steelman	BACKPACK OPERATOR: Clement		
STAKE ID	X	Y	Z
184.1	32.91	-22.16	1.72
185.1	-27.15	57.98	-10.08
164.1	113.08	37.78	-8.50

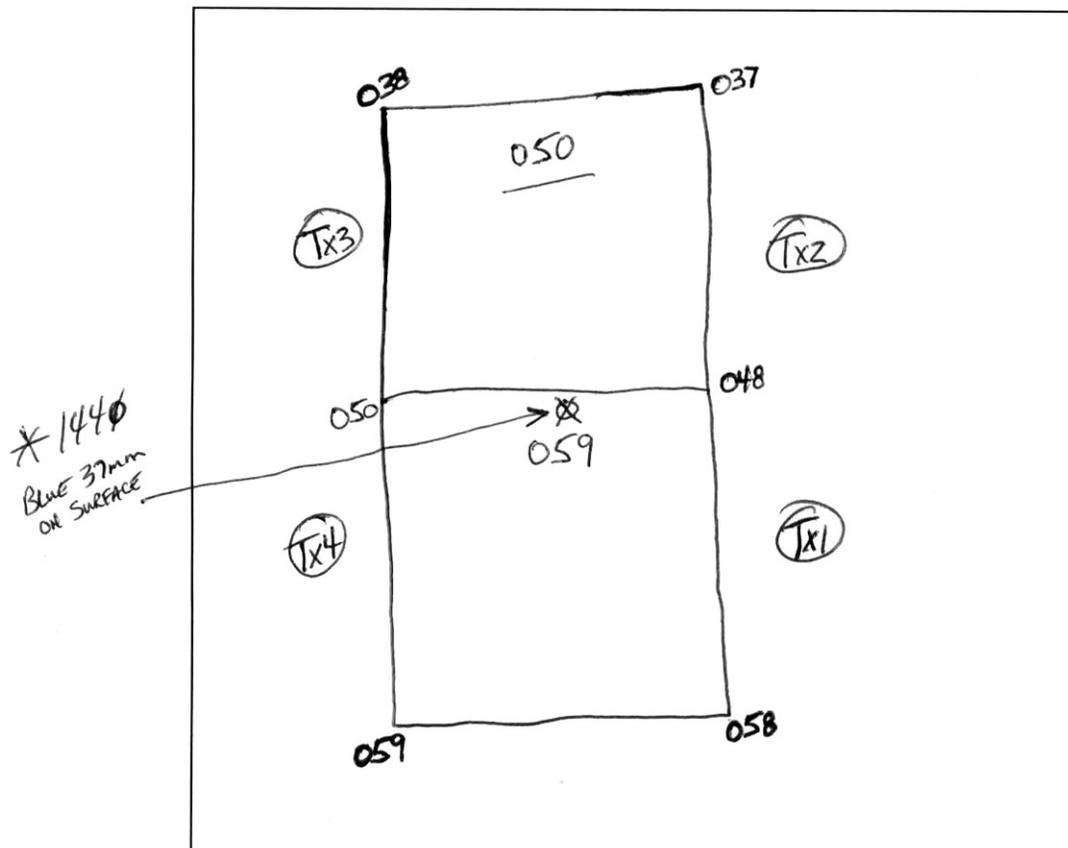
PLEASE NOTE LOCATION OF STAKES:



Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 2	Instrument	Serial #	Weather:
Date: 6/16/03	Allegro	5149	Clear 87°
Em File: 2616050A	Positioning	SET 2	Tree Density:
Positioning File: 2616050A	Coil	991614	medium
START TIME: 1402	Backpack	21922-3	Terrain:
STOP TIME: 1515	EM Battery Voltage:		Sloped w/Trees
Grids Completed: 050,059	COIL WALKER: Ty		
BACKPACK OPERATOR: Dawny			
STAKE ID	X	Y	Z
037	119.74	13.81	12.19
038	118.52	113.63	-0.25
050	18.48	113.69	-8.39
058	-81.21	12.45	-4.78

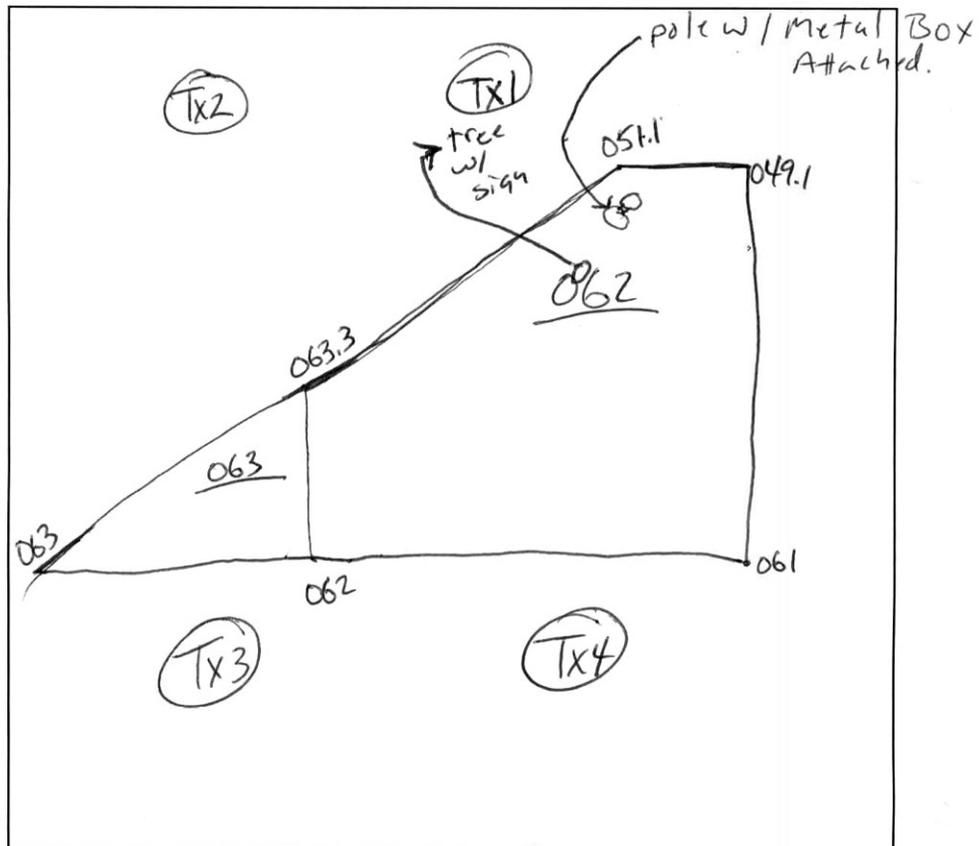
PLEASE NOTE LOCATION OF STAKES:



Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 2	Instrument	Serial #	Weather:
Date: 6/16/03	Allegro	5149	OVERCAST Humid 80°
Em File: 2616062A	Positioning	SET 2	Tree Density:
Positioning File: 26160	Coil	991614	Medium
START TIME: 0835	Backpack	21922-3	Terrain:
STOP TIME: 0927	EM Battery Voltage:		FLAT
Grids Completed: 062, 063	COIL WALKER: KENT		BACKPACK OPERATOR: DANNY
STAKE ID	X	Y	Z
051.1	-28.86	19.93	-1.65
061	-64.47	122.52	-8.90
062	35.73	117.26	-1.10
063,3	32.76	59.34	-0.53

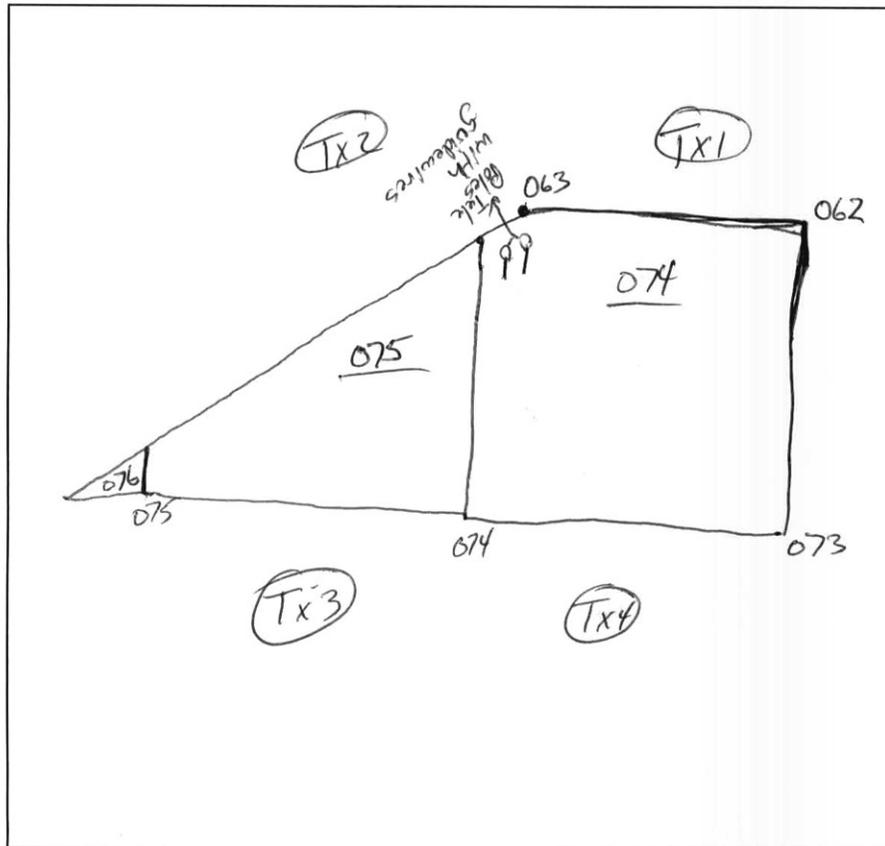
PLEASE NOTE LOCATION OF STAKES:



Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 2	Instrument	Serial #	Weather:
Date: 6/16/83	Allegro	5149	OVERCAST 80° Humid
Em File: 2616074A	Positioning	SET 2	Tree Density:
Positioning File: 2616074A	Coil	991614	MEDIUM
START TIME: 10:23	Backpack	21922-3	Terrain:
STOP TIME: 11:27	EM Battery Voltage:		FLAT TO SLOPED WOODS
Grids Completed: 074, 075, 076	12.60 V		
COIL WALKER: KENT	BACKPACK OPERATOR: TY		
STAKE ID	X	Y	Z
063	12.75	10.06	1.75
075	130.94	111.53	-2.19
062	-67.91	9.28	-0.44
063.3	-67.20	-48.64	0.06

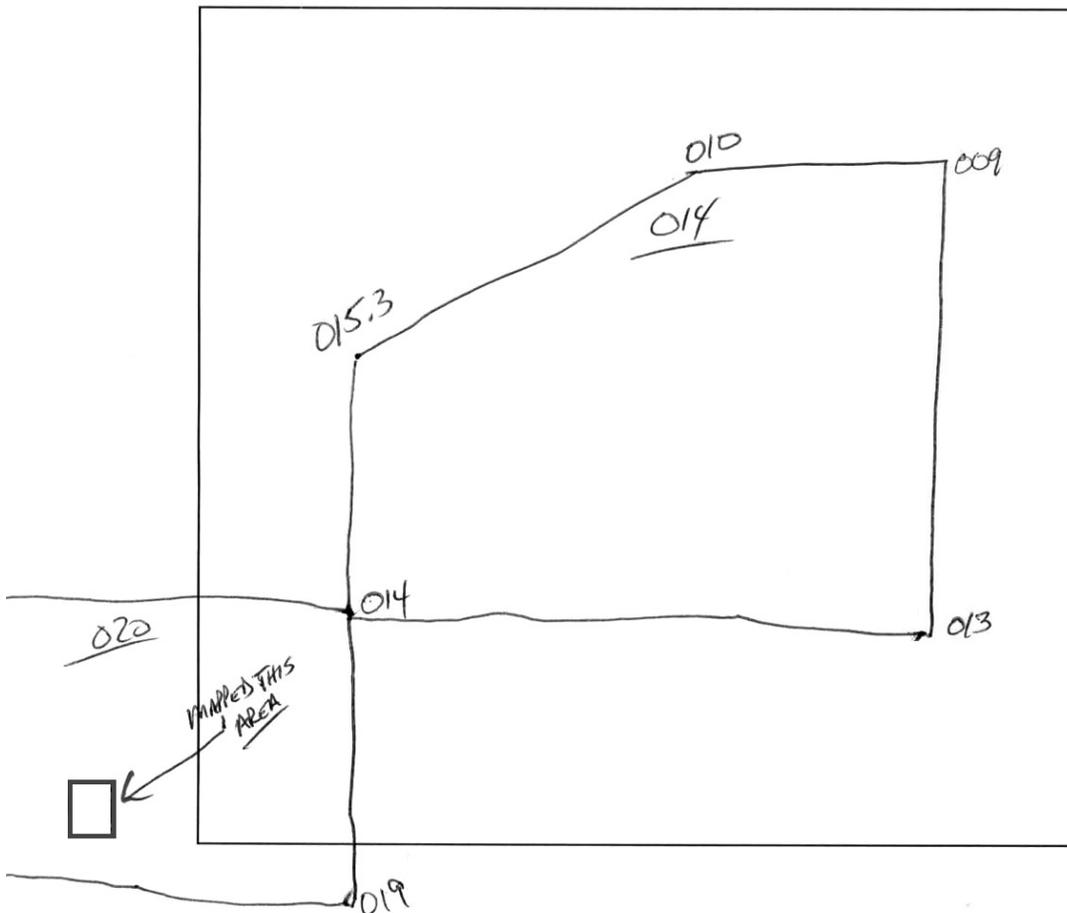
PLEASE NOTE LOCATION OF STAKES:



Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 2	Instrument	Serial #	Weather:
Date: 6/17/03	Allegro	5149	P. Sunny, Humid
Em File: 2617014A	Positioning	SET 2	Tree Density:
Positioning File: 2617014A	Coil	991614	Low
START TIME: 12:42	Backpack	21922-3	Terrain:
STOP TIME: 1317	EM Battery Voltage:		FLAT
Grids Completed: 014 / PART OF 020	COIL WALKER:		
BACKPACK OPERATOR:			
STAKE ID	X	Y	Z
013	86.72	-5.05	-11.89
009	157.30	65.91	-16.51
010	127.98	95.33	-16.10
015.3	56.83	106.88	-9.09

PLEASE NOTE LOCATION OF STAKES:

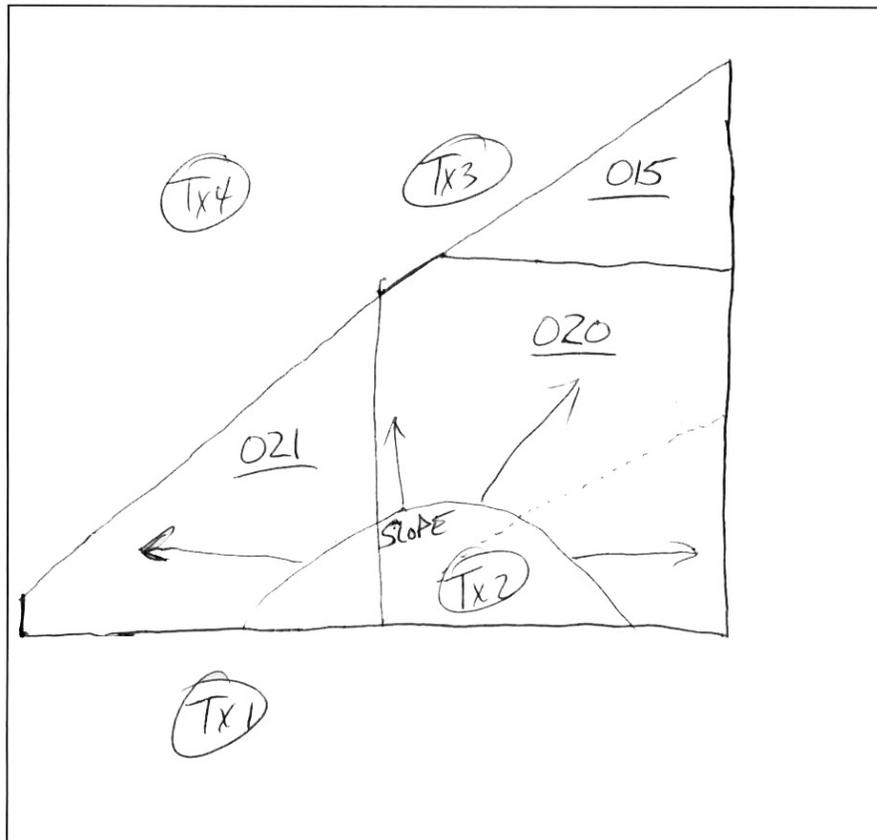


10P2

Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 2	Instrument	Serial #	Weather:
Date: 6/17/03	Allegro	5149	SUNNY 75°
Em File: 2617021A	Positioning	SET 2	Tree Density:
Positioning File: 2617021A	Coil	991614	LIGHT
START TIME: 0823	Backpack	21922-3	Terrain:
STOP TIME: 0916	EM Battery Voltage:		SLOPED
Grids Completed: 021, 015, 020	COIL WALKER: TY		
BACKPACK OPERATOR: DANNY			
STAKE ID	X	Y	Z
020	12.98	6.94	.21
019	93.74	-57.99	-6.04
014	152.81	28.56	-23.01
015.3	187.11	75.46	-30.12

PLEASE NOTE LOCATION OF STAKES:

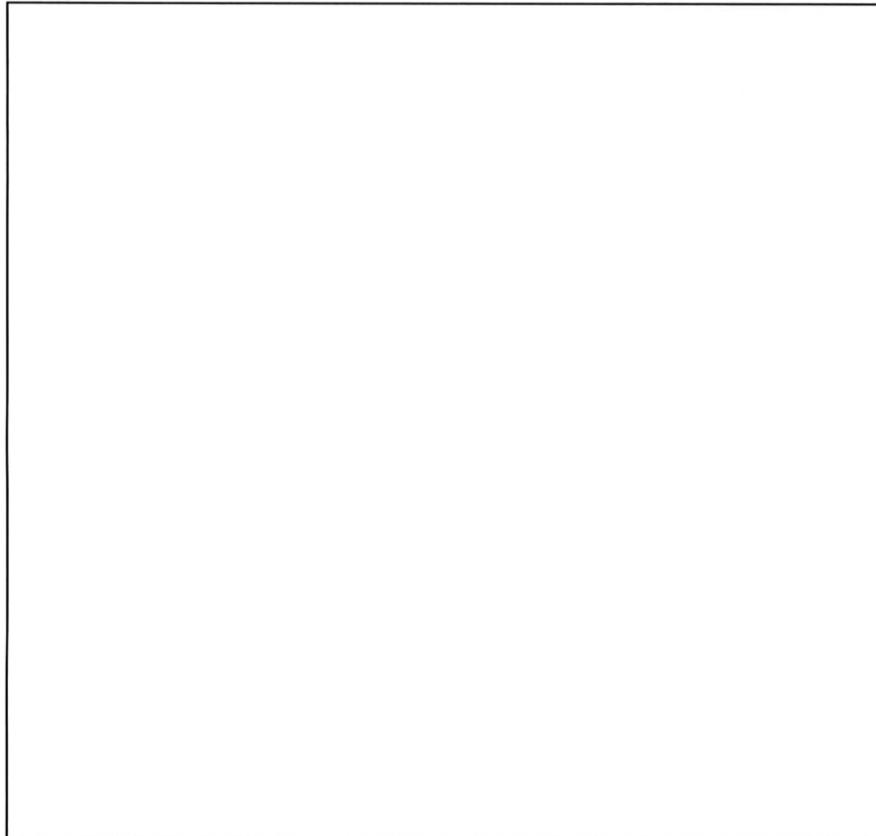


2 of 2

Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 2		Instrument	Serial #	Weather:
Date: 6/17/03		Allegro	5149	
Em File: 2617021B		Positioning	SET 2	Tree Density:
Positioning File: 2617021B		Coil	991614	
START TIME: 0956		Backpack	21922-3	Terrain:
STOP TIME: 1023		EM Battery Voltage:		SLOPED
Grids Completed: 021,020,015				
COIL WALKER: TY		BACKPACK OPERATOR: DANNY		
STAKE ID	X	Y	Z	

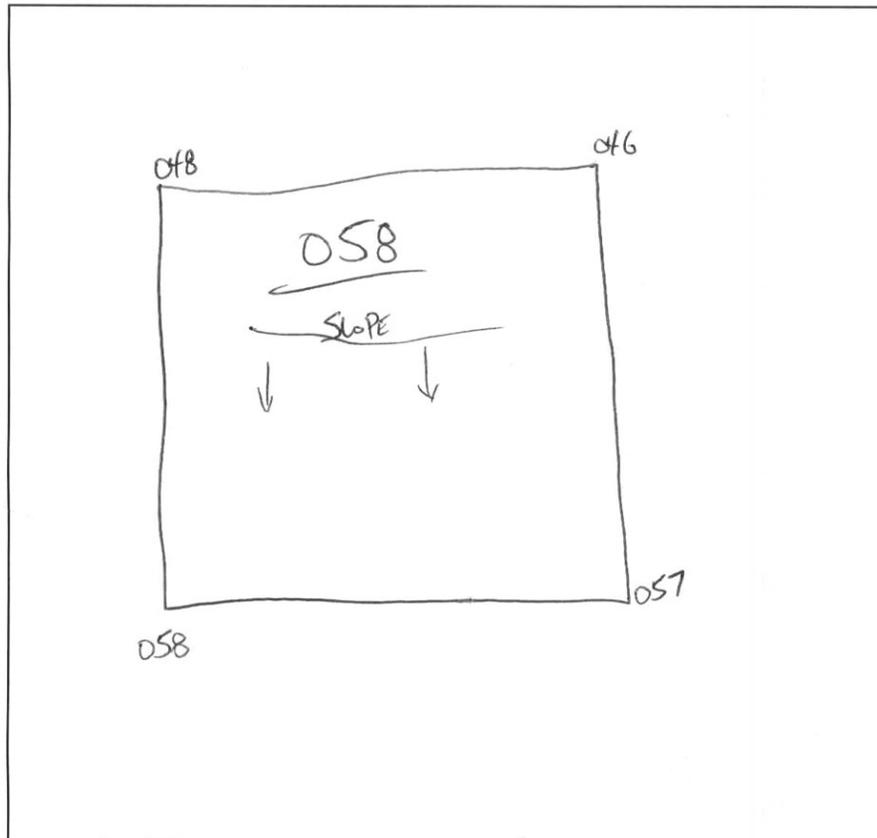
PLEASE NOTE LOCATION OF STAKES:



Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 2	Instrument	Serial #	Weather:
Date: 6/17/03	Allegro	5149	Rainy 80°
Em File: 2617058A	Positioning	SET 2	Tree Density:
Positioning File: 2617058A	Coil	991614	medium Heavy
START TIME: 1503	Backpack	21922-3	Terrain:
STOP TIME: 1538	EM Battery Voltage:		LIGHTLY Sloped Woods
Grids Completed: 058	12.9		
COIL WALKER: KENT	BACKPACK OPERATOR: DANNY		
STAKE ID	X	Y	Z
048	45.91	-32.92	-5.51
058	121.07	33.90	-10.95
057	54.46	108.81	-9.11
046	-20.40	41.97	3.01

PLEASE NOTE LOCATION OF STAKES:

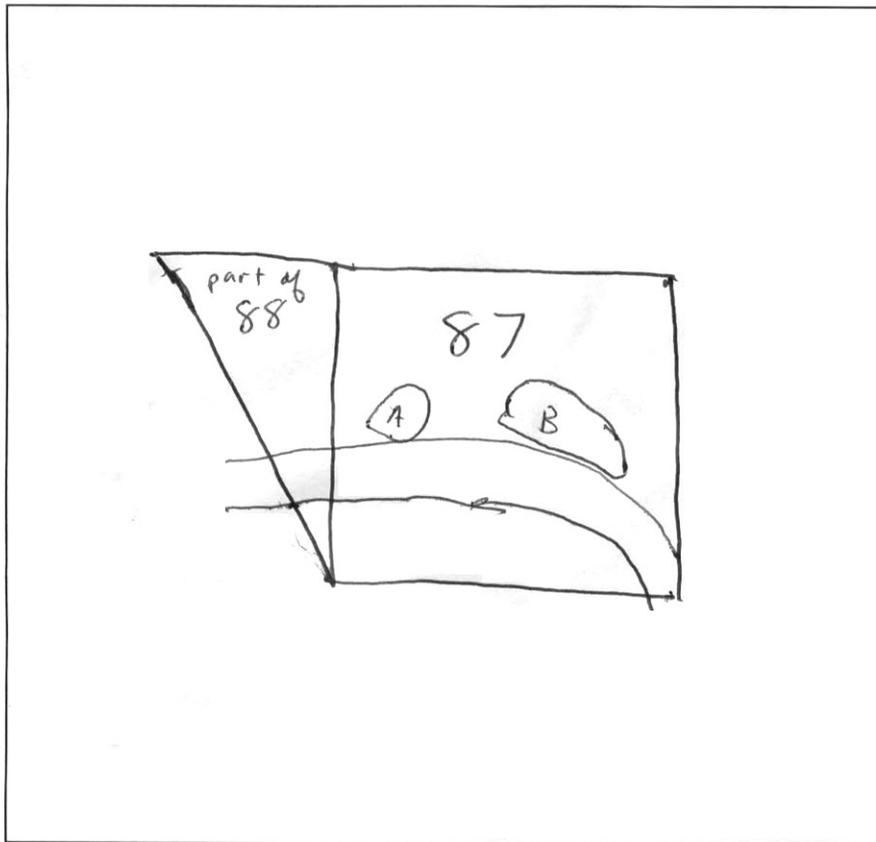


1 of 2

Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: MAP 2	Instrument	Serial #	Weather:
Date: 6-18-03	Allegro	SPAC	Overcast
Em File: 2618087a	Positioning	Set 2	Tree Density:
Positioning File: 2618087a	Coil	991613	Med.
START TIME: 1438	Backpack	MK2	Terrain:
STOP TIME: 1511	EM Battery Voltage:	12.9	Sloped woods
Grids Completed: 087			
STAKE ID	X	Y	Z
086	49.50	27.13	-1.34
074	115.96	47.68	6.54
075	41.16	114.024	12.41
087	-25.38	40.03	2.84

PLEASE NOTE LOCATON OF STAKES:



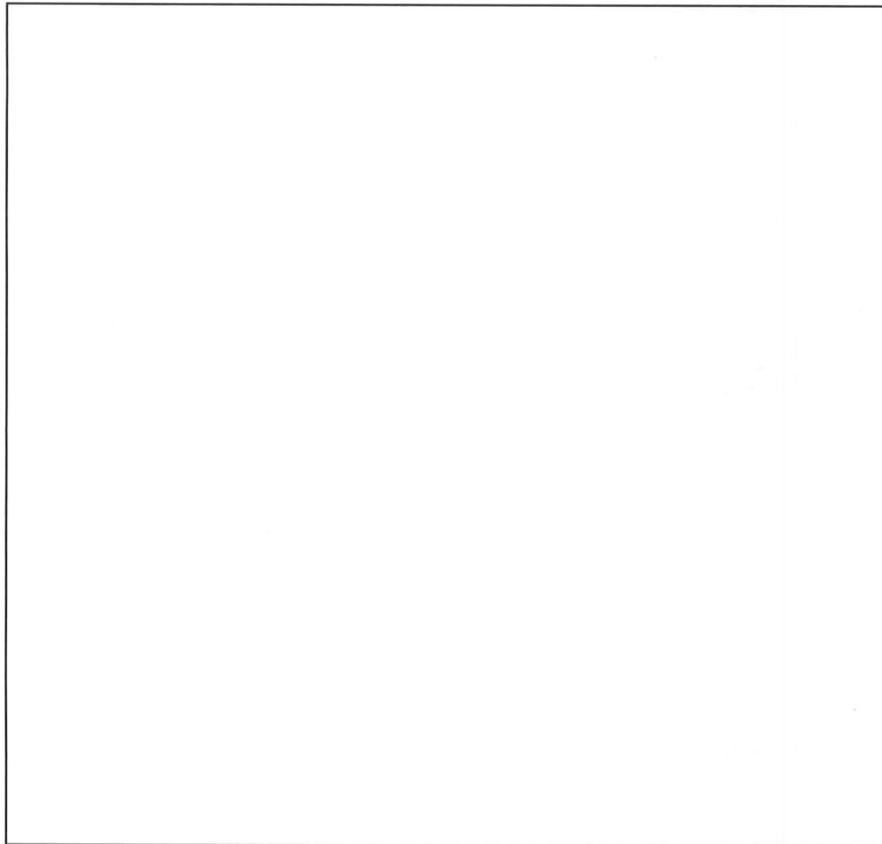
A - Large Bump (mound 6' high)
 B Hump (Bump 25' long, 12' wide, 4' high)

20F2

Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: <u>Z</u>	Instrument	Serial #	Weather:
Date: <u>6/18/03</u>	Allegro	<u>SPARE</u>	
Em File: <u>2618087B</u>	Positioning		Tree Density:
Positioning File: <u>2618087B</u>	Coil		
START TIME: <u>1518</u>	Backpack		Terrain:
STOP TIME: <u>1550</u>	EM Battery Voltage:		
Grids Completed: <u>087</u>			
STAKE ID	X	Y	Z

PLEASE NOTE LOCATON OF STAKES:



1 OF 2

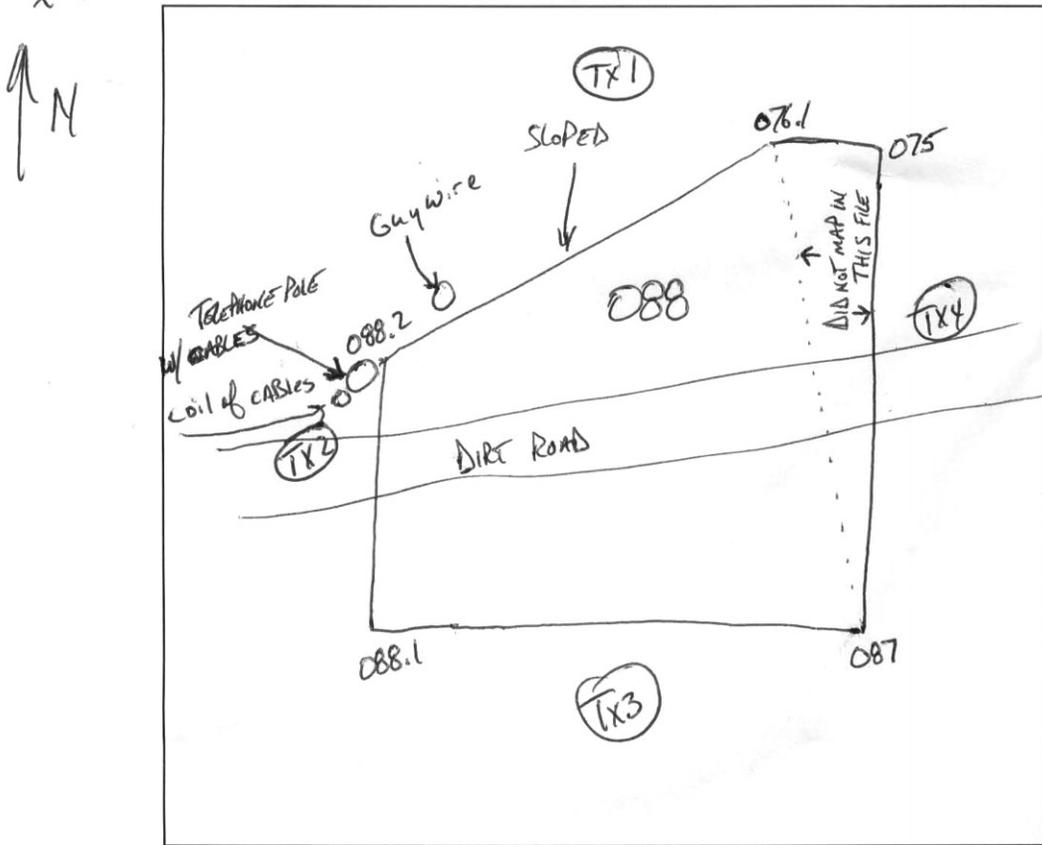
Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 2	Instrument	Serial #	Weather:
Date: 6/18/03	Allegro	5149	RAINY 80°
Em File: 2618088A	Positioning	SET 2	Tree Density:
Positioning File: 2618088A	Coil	991614	Low
START TIME: 0826	Backpack	21922-3	Terrain:
STOP TIME: 0836	EM Battery Voltage:		LIGHTLY SLOPED, MUDDY
Grids Completed: 088	12.9		
COIL WALKER:	BACKPACK OPERATOR:		
STAKE ID	X	Y	Z
076.1	-28.41	22.27	-1.15
088.1	93.41	30.08	-8.34
087	31.00	107.89	-12.75
075	-47.14	46.39	-3.21

PLEASE NOTE LOCATION OF STAKES. Static test started @ 0830

* WALKED GRID ON FILE 2618088B:

* WALKED 2 ITEMS FOR QC AT BEGINNING OF THIS FILE.

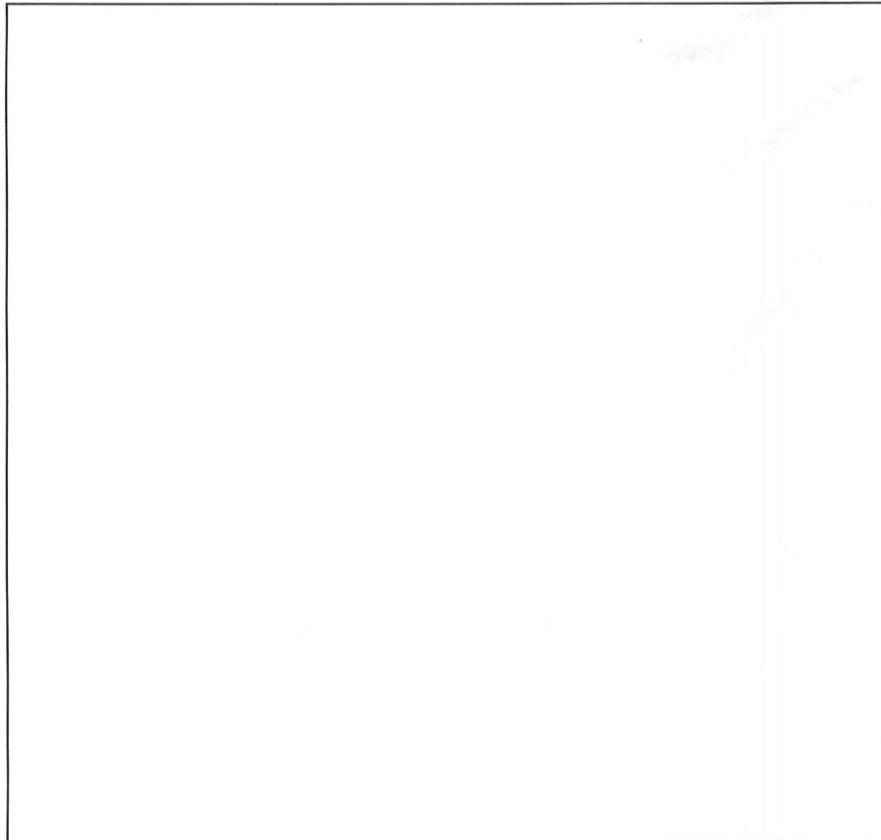


2 of 2

Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 2		Instrument	Serial #	Weather:
Date: 6/18/03		Allegro	5149	
Em File: 2618088B		Positioning	SET 2	Tree Density:
Positioning File: 2616088bpost		Coil	991614	
START TIME: 0857		Backpack	21922-3	Terrain:
STOP TIME: 0930		EM Battery Voltage:		
Grids Completed: 088		12.9		
COIL WALKER:		BACKPACK OPERATOR:		
STAKE ID	X	Y	Z	

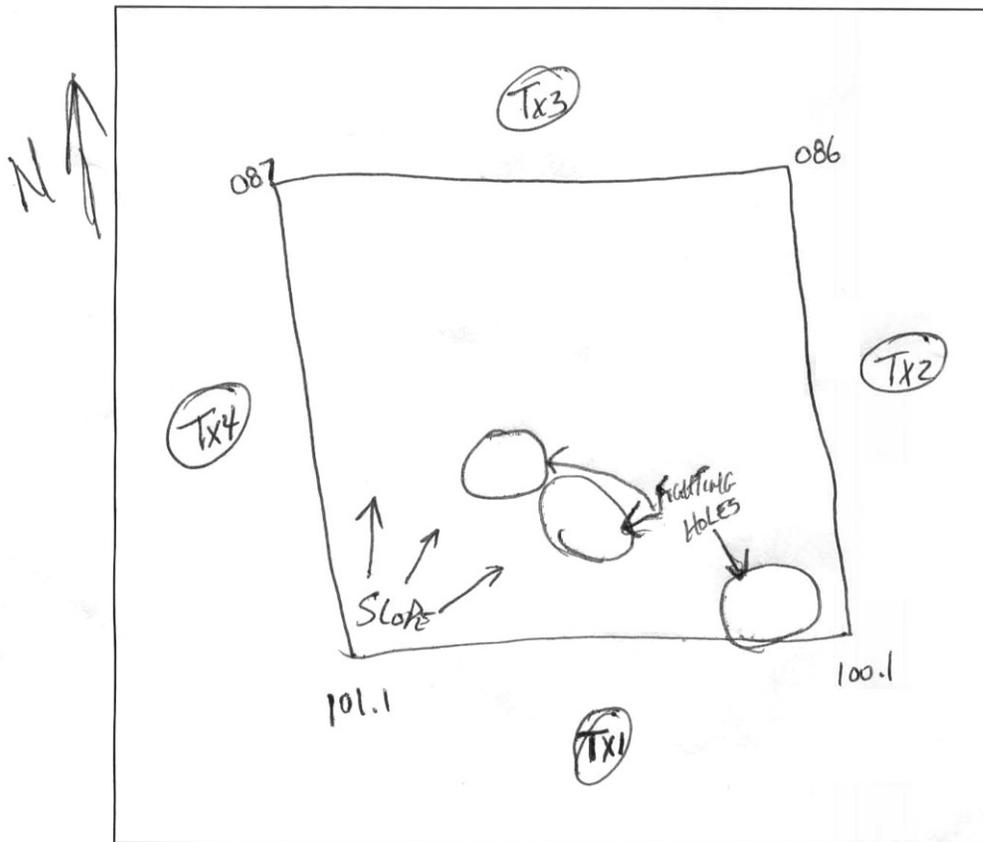
PLEASE NOTE LOCATION OF STAKES:



Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: 2	Instrument	Serial #	Weather:
Date: 6/18/03	Allegro	5149	OVERCAST 80°
Em File: 2618101A	Positioning	SET 2	Tree Density:
Positioning File: 2618101A	Coil	991613	MEDIUM
START TIME: 1246	Backpack	mil 2	Terrain:
STOP TIME: 1334	EM Battery Voltage:		Sloped Woods
Grids Completed: 101			
STAKE ID	X	Y	Z
087	32.62	113.14	-4.63
101.1	-29.78	34.56	6.70
100.1	48.22	-27.98	-8.39
086	110.76	49.80	-8.83

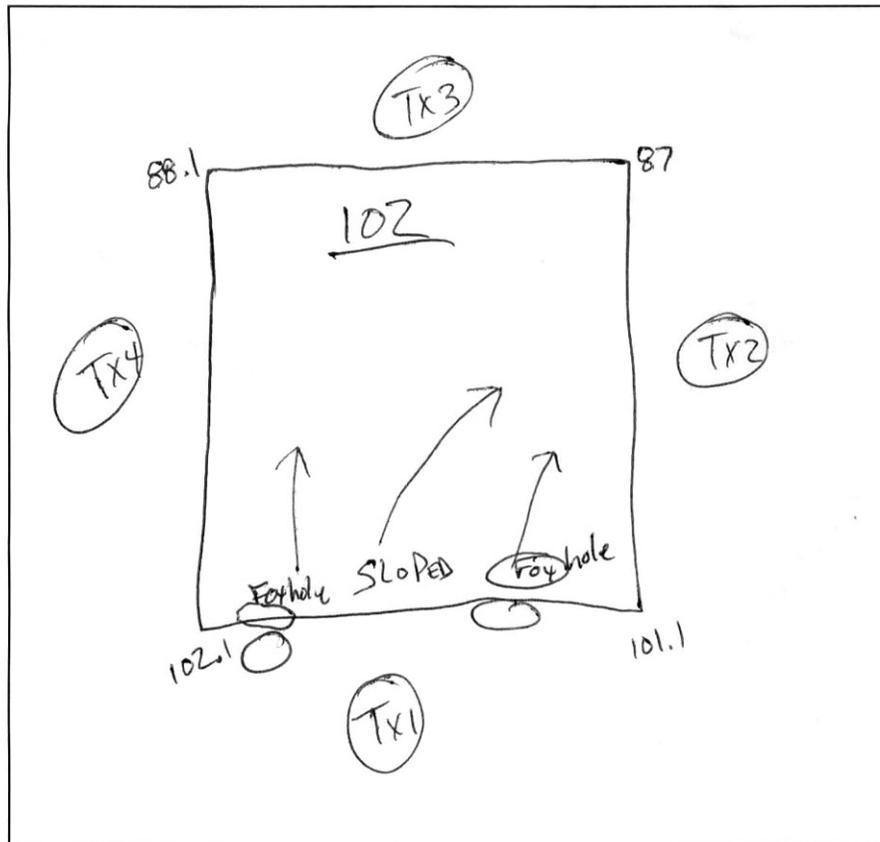
PLEASE NOTE LOCATION OF STAKES:



Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: MAP 2	Instrument	Serial #	Weather:
Date: 6/18/03	Allegro		Overcast Sprinkles
Em File: 2618102A	Positioning		Tree Density:
Positioning File: 2618102A	Coil		medium
START TIME: 10:39	Backpack		Terrain:
STOP TIME: 11:34	EM Battery Voltage:		Sloped with Trees
Grids Completed: 102	12.6 ✓		
STAKE ID	X	Y	Z
102.1	-32.67	46.86	1.64
088.1	43.18	111.66	-12.64
101.1	32.23	-29.34	-5.73

PLEASE NOTE LOCATON OF STAKES:

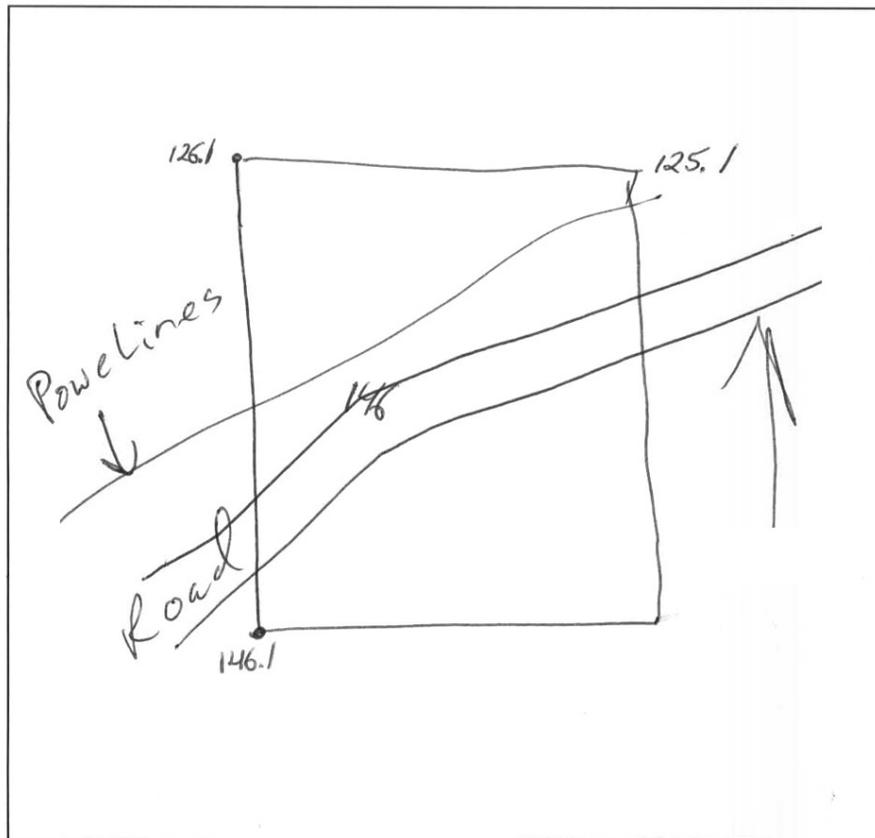


* ALLEGRO TIME WAS 14 SECONDS SLOWER THAN LAPTOP AT 11:36.

Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 1	Instrument	Serial #	Weather:
Date: 6-19	Allegro	5173	Cloudy
Em File: 1619146a	Positioning	SET 1	Tree Density:
Positioning File: 1619146a	Coil	991612	Medium
START TIME: 11:33:37	Backpack	21933-3	Terrain:
STOP TIME: 12:12:15	EM Battery Voltage:	12.5	Hills
Grids Completed: 146	COIL WALKER: Steelman	BACKPACK OPERATOR: Soth	
STAKE ID	X	Y	Z
146.1	-35.46	38.60	-7.56
126.1	18.30	123.77	-19.16
125.1	103.40	88.96	-9.02

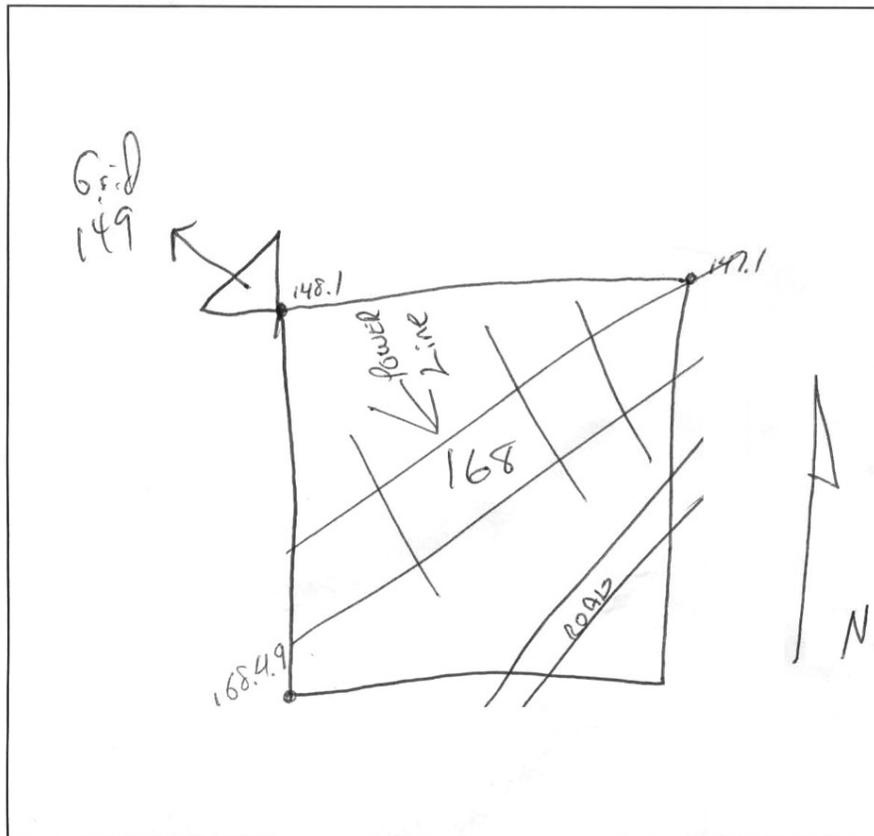
PLEASE NOTE LOCATION OF STAKES:



Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 1	Instrument	Serial #	Weather:
Date: 6-19	Allegro	5173	cloudy
Em File: 1619168a	Positioning	SET 1	Tree Density:
Positioning File: 1619168a	Coil	991612	Medium
START TIME: 1454	Backpack	21933-3	Terrain:
STOP TIME: 1533	EM Battery Voltage:	12.3	Hills
Grids Completed: 149, 168	COIL WALKER: Smith	BACKPACK OPERATOR: Clement	
STAKE ID	X	Y	Z
147.1	74.23	6.27	-1.34
148.1	87.01	105.59	-20.50
168.4.9	-13.25	110.68	-12.40

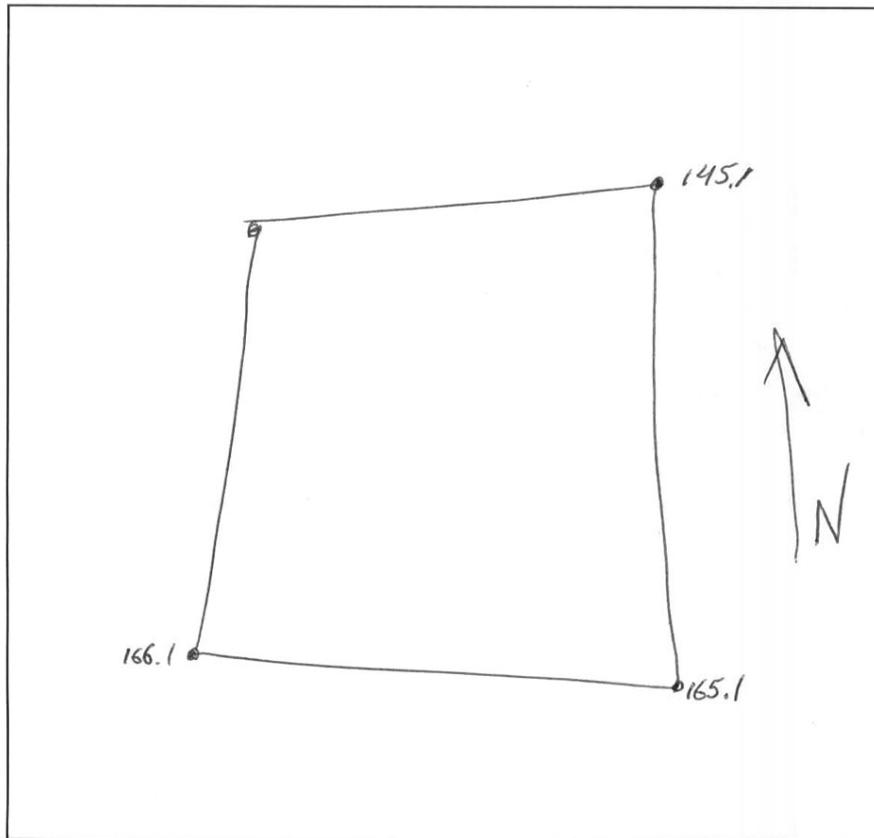
PLEASE NOTE LOCATION OF STAKES:



Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 1		Instrument	Serial #	Weather:
Date: 6-19-03		Allegro	5173	OVERCAST
Em File: 1649166a		Positioning	SET 1	Tree Density:
Positioning File: 1649166a.pps		Coil	991612	MED
START TIME: 0932		Backpack	21933-3	Terrain:
STOP TIME: 1011		EM Battery Voltage: 12.6		HILLY
Grids Completed: 166		COIL WALKER: STEELMAN		
		BACKPACK OPERATOR: Clement		
STAKE ID	X	Y	Z	
165.1	-19.31	35.97	5.57	
166.1	47.74	109.33	-14.06	
145.1	54.11	-32.02	-8.57	

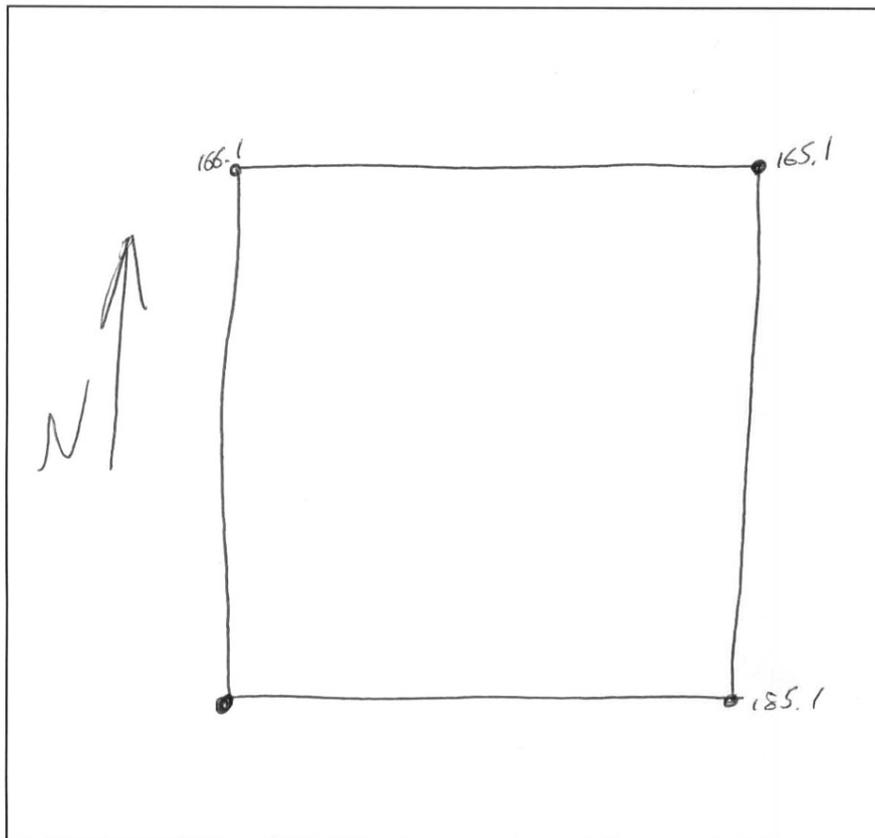
PLEASE NOTE LOCATION OF STAKES:



Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 1		Instrument	Serial #	Weather:
Date:	6/19/03	Allegro	5173	OVERCAST
Em File:	1619186a	Positioning	SET 1	Tree Density:
Positioning File:		Coil	991612	MED
START TIME:	0801	Backpack	21933-3	Terrain:
STOP TIME:	0850	EM Battery Voltage:		HILLS
Grids Completed:	186	12-9		
COIL WALKER:	SOYH	BACKPACK OPERATOR: CLEMENT		
STAKE ID	X	Y	Z	
166.1	117.13	60.65	-27.12	
165.1	68.01	-25.65	-7.40	
185.1	-19.10	23.92	-.44	

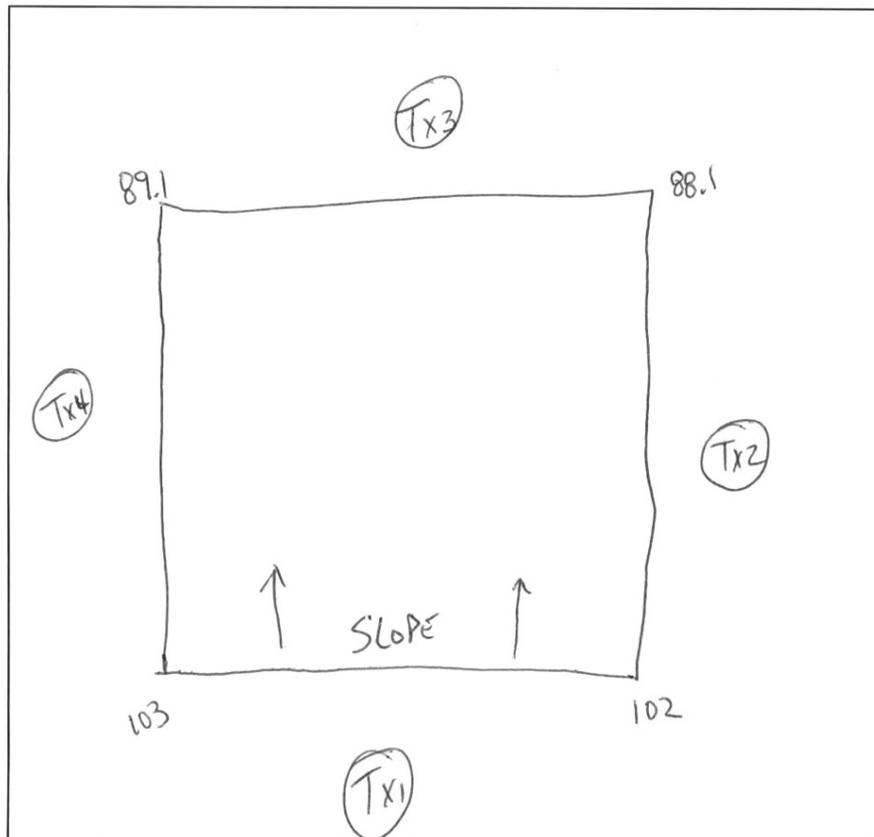
PLEASE NOTE LOCATION OF STAKES:



Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 2	Instrument	Serial #	Weather:
Date: 6/19/03	Allegro	5149	OVERCAST, 77°, Humid
Em File: 2619103A	Positioning	ATX 1912	Tree Density:
Positioning File: 2619103A	Coil	991614	MEDIUM
START TIME: 0902	Backpack	21922-3	Terrain:
STOP TIME: 0950	EM Battery Voltage:		LIGHT SLOPE
Grids Completed: 103	12.9 #2		
COIL WALKER: TY	BACKPACK OPERATOR: DANNY		
STAKE ID	X	Y	Z
102.1	37.21	-24.39	.95
103.1	-25.29	53.78	-4.00
89.1	52.96	116.22	-6.58
88.1	115.14	38.20	-13.37

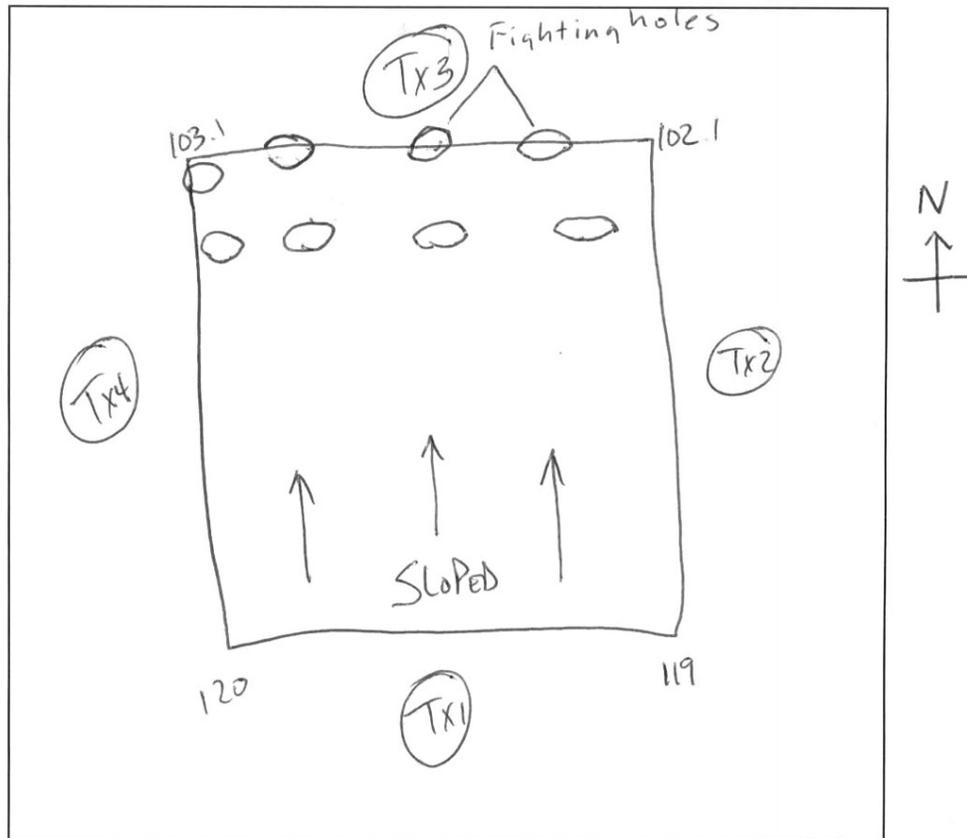
PLEASE NOTE LOCATION OF STAKES:



Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 2	Instrument	Serial #	Weather:
Date: 6/19/03	Allegro	5149	OVERCAST, Humid 80°
Em File: 2619120A	Positioning	ATX 1912	Tree Density:
Positioning File: 2619120A	Coil	991614	medium
START TIME: 1041	Backpack	21922-3	Terrain:
STOP TIME: 1139	EM Battery Voltage:		Sloped Woods
Grids Completed: 120	12.75		
COIL WALKER: Kent	BACKPACK OPERATOR: Danny		
STAKE ID	X	Y	Z
119.1	38.27	-23.95	3.38
120.1	-31.50	46.65	-4.68
103.1	37.84	116.52	-24.95
102.1	108.77	46.31	-19.99

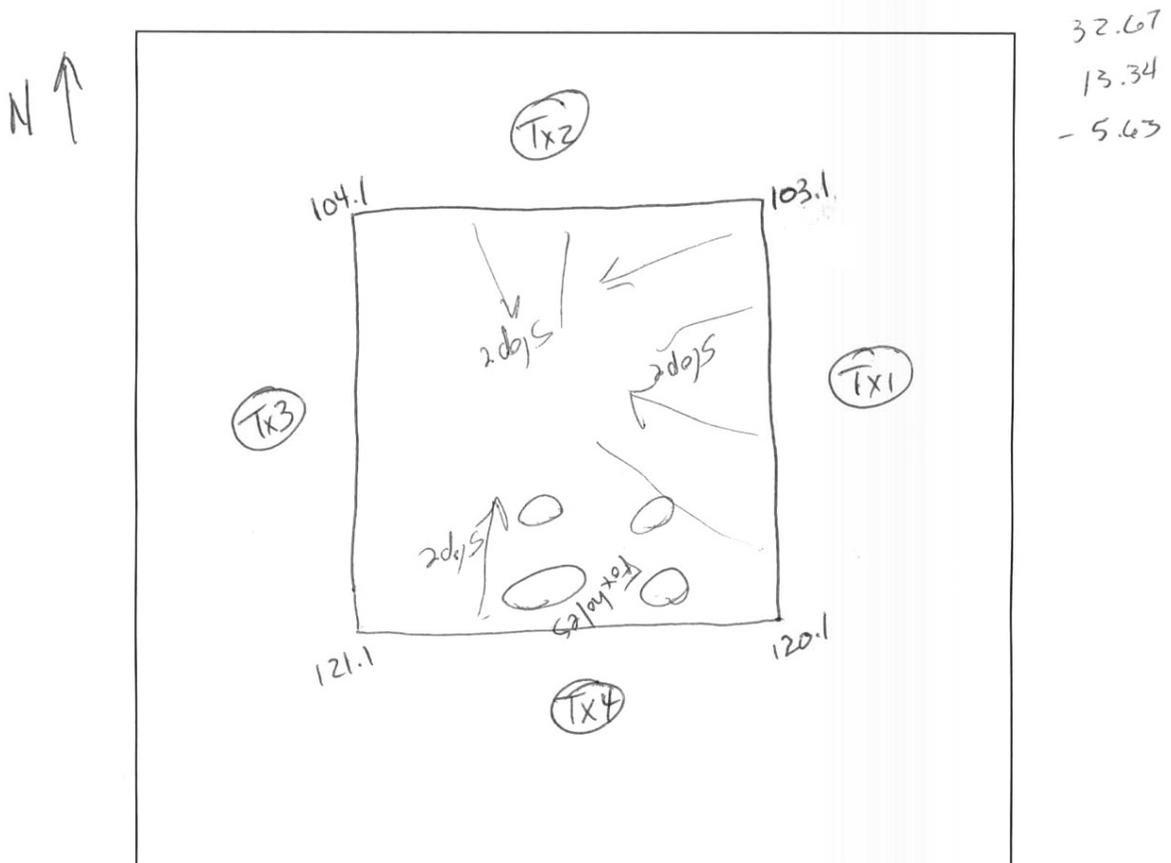
PLEASE NOTE LOCATION OF STAKES:



Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 2	Instrument	Serial #	Weather:
Date: 6/19/03	Allegro	5149	P-SUNNY, 84°
Em File: 2619121A	Positioning	ATX 1912	Tree Density:
Positioning File: 2619121A	Coil	991614	MEDIUM
START TIME: 12:34	Backpack	21922-3	Terrain:
STOP TIME: 13:07	EM Battery Voltage:		SLATS WOODS
Grids Completed: 121	12.66		
COIL WALKER: KENT	BACKPACK OPERATOR:	TY	
STAKE ID	X	Y	Z
103.1	44.45	-29.55	-10.16
120.1	-23.09	42.40	10.19
121.1	48.87	112.16	-11.71
104.1	117.63	39.05	-8.13

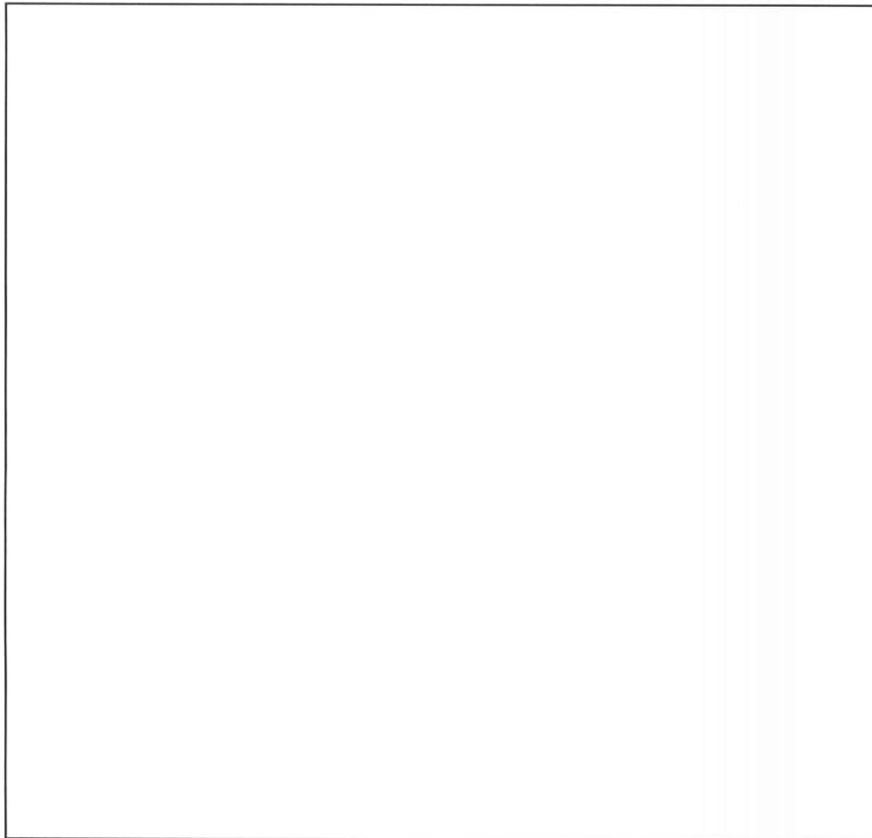
PLEASE NOTE LOCATION OF STAKES:



Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 2		Instrument	Serial #	Weather:
Date: 6/19/03		Allegro	5149	
Em File: 2619121B		Positioning	ATX 1912	Tree Density:
Positioning File: 2619121B		Coil	991614	
START TIME: 13:13		Backpack	21922-3	Terrain:
STOP TIME: 13:54		EM Battery Voltage:		
Grids Completed: 121				
COIL WALKER: Kent		BACKPACK OPERATOR: Ty		
STAKE ID	X	Y	Z	

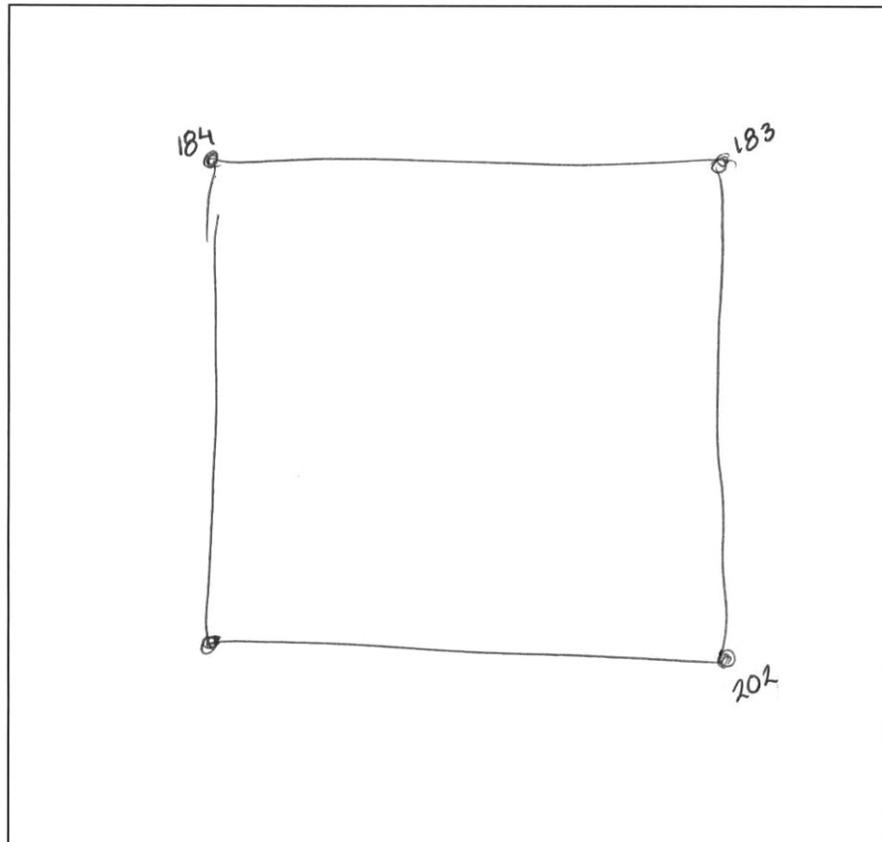
PLEASE NOTE LOCATION OF STAKES:



Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 1	Instrument	Serial #	Weather:
Date: 6-23-03	Allegro	5173	SUNNY
Em File: 1623203a	Positioning	SET 1	Tree Density:
Positioning File: 1623203a	Coil	991612	MEDIUM
START TIME: 0826	Backpack	21933-3	Terrain:
STOP TIME: 0904	EM Battery Voltage:		Hills
Grids Completed: 203		12.75	
COIL WALKER: Steelman	BACKPACK OPERATOR: Futral		
STAKE ID	X	Y	Z
184.1	28.10	4.11	2.12
183.1	22.14	112.91	10.00
202.1	-40.29	-105.56	-4.89

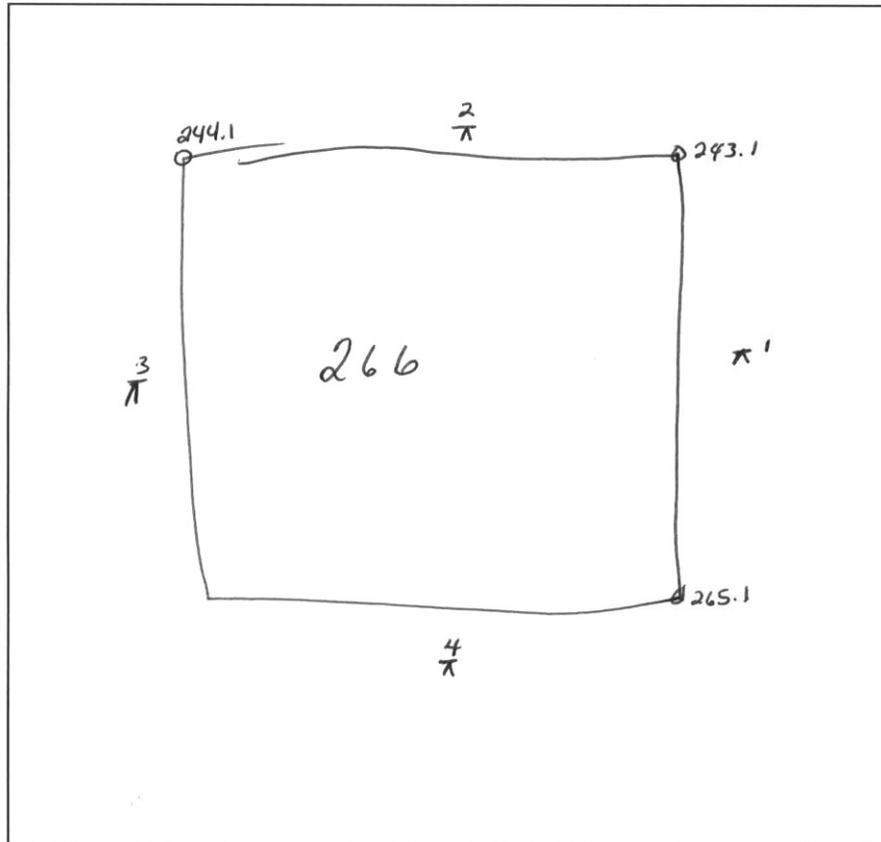
PLEASE NOTE LOCATION OF STAKES:



Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 1	Instrument	Serial #	Weather:
Date: 06-23-03	Allegro	5173	Sunny + Hot
Em File: 1623266A	Positioning	SET 1	Tree Density:
Positioning File: 1623266A	Coil	991612	Medium
START TIME: 1505	Backpack	21933-3	Terrain:
STOP TIME: 1536	EM Battery Voltage:		Hills
Grids Completed: 266	12.15		
COIL WALKER:	BACKPACK OPERATOR:		
STAKE ID	X	Y	Z
244.1	101.53	68.34	-10.33
243.1	48.84	-17.66	8.19
265.1	-36.08	34.02	-3.99

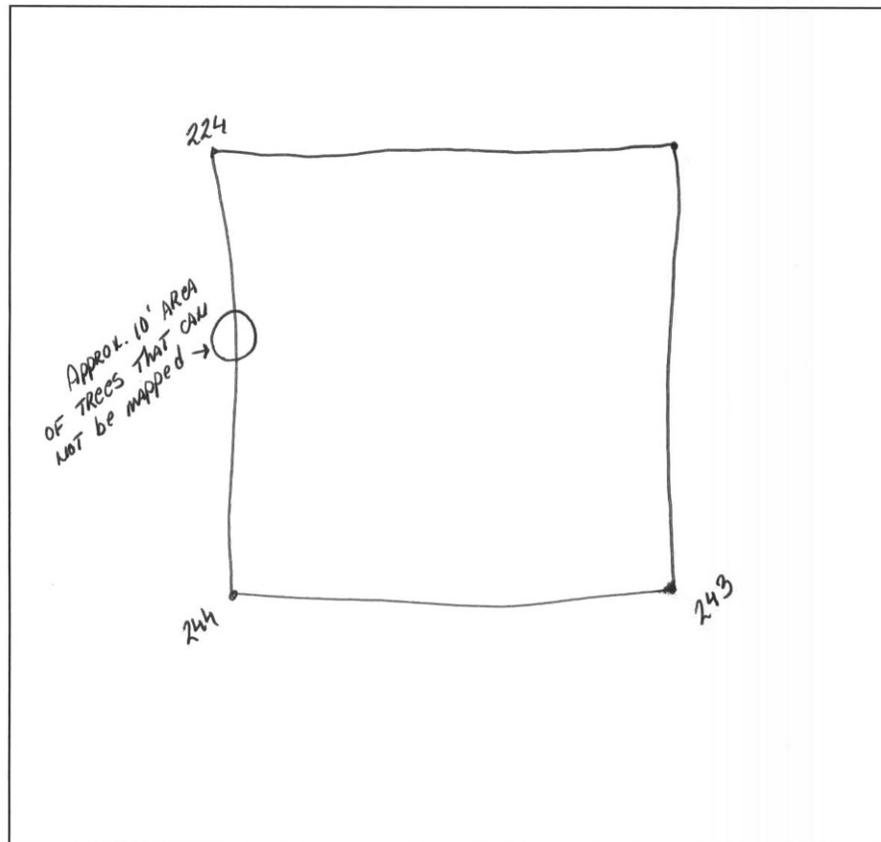
PLEASE NOTE LOCATION OF STAKES:



Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 1	Instrument	Serial #	Weather:
Date: 06-23-03	Allegro	5173	SUNNY
Em File: 1623244A	Positioning	SET 1	Tree Density:
Positioning File: 1623244A	Coil	991612	Medium
START TIME: 1314	Backpack	21933-3	Terrain:
STOP TIME: 1359	EM Battery Voltage:		Hills
Grids Completed: 244	12.45		
COIL WALKER: Steelman	BACKPACK OPERATOR: FUTRAI		
STAKE ID	X	Y	Z
224.1	112.28	35.92	-7.31
244.1	43.71	108.32	-32.36
243.1	-29.74	39.98	-13.90

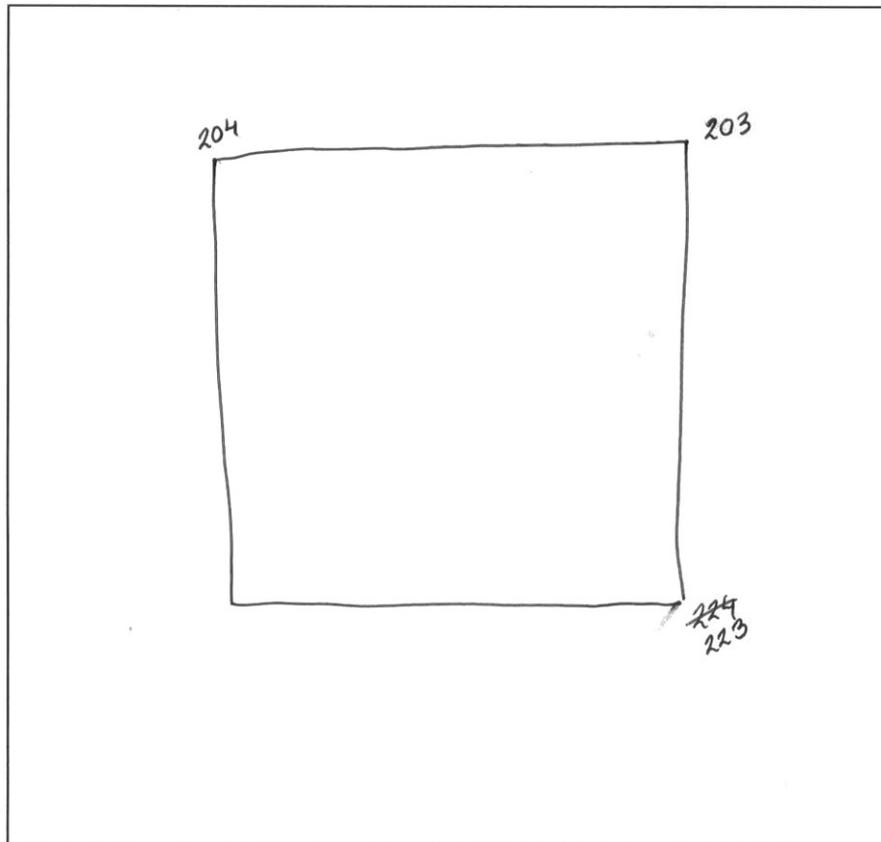
PLEASE NOTE LOCATION OF STAKES:



Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 1	Instrument	Serial #	Weather:
Date: 06-23-03	Allegro	5173	SUNNY
Em File: 1623224A	Positioning	SET 1	Tree Density:
Positioning File: 1623224A	Coil	991612	medium
START TIME: 1143	Backpack	21933-3	Terrain:
STOP TIME: 1219	EM Battery Voltage:		Hills
Grids Completed: 224	12.6		
COIL WALKER: Steelman	BACKPACK OPERATOR: FUTRAI		
STAKE ID	X	Y	Z
203.1	43.36	-24.22	2.79
204.1	115.08	46.10	-16.05
223.1	-26.96	47.50	-6.49

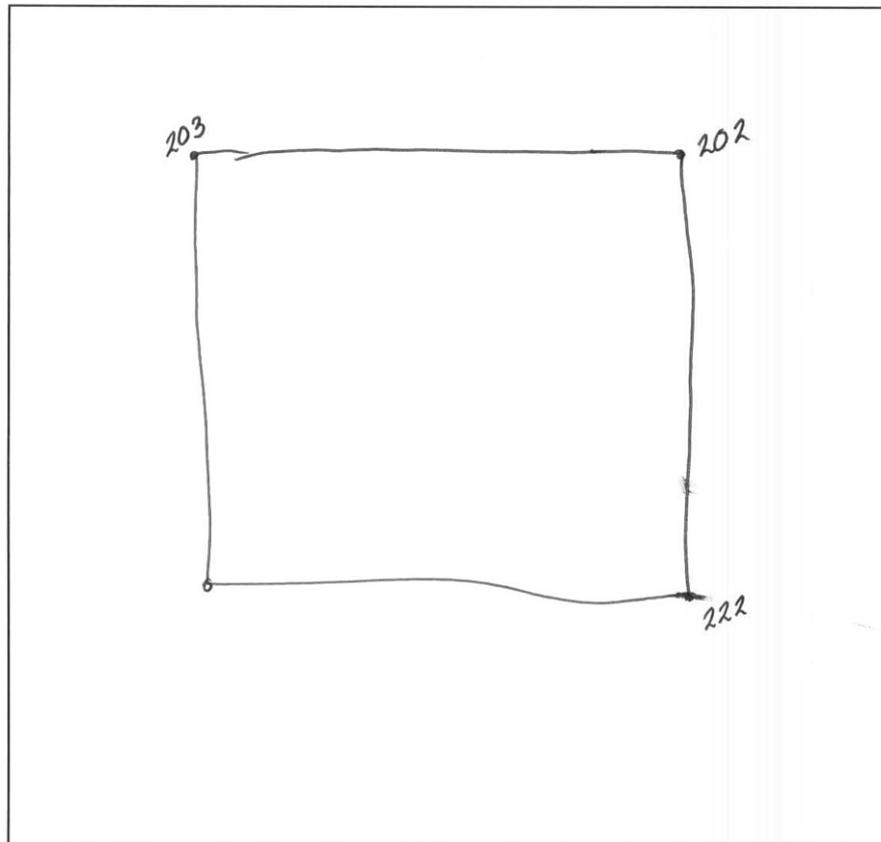
PLEASE NOTE LOCATION OF STAKES:



Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 1	Instrument	Serial #	Weather:
Date: 06-23-03	Allegro	5173	Sunny
Em File: 1623223A	Positioning	SET 1	Tree Density:
Positioning File: 1623223A	Coil	991612	medium
START TIME: 0953	Backpack	21933-3	Terrain:
STOP TIME: 1028	EM Battery Voltage:		Hills
Grids Completed: 223	12.75		
COIL WALKER: Steelman	BACKPACK OPERATOR: FJTRAI		
STAKE ID	X	Y	Z
222.1	-31.19	8.97	-1.31
202.1	69.14	14.47	-3.80
203.1	62.80	115.02	-6.00

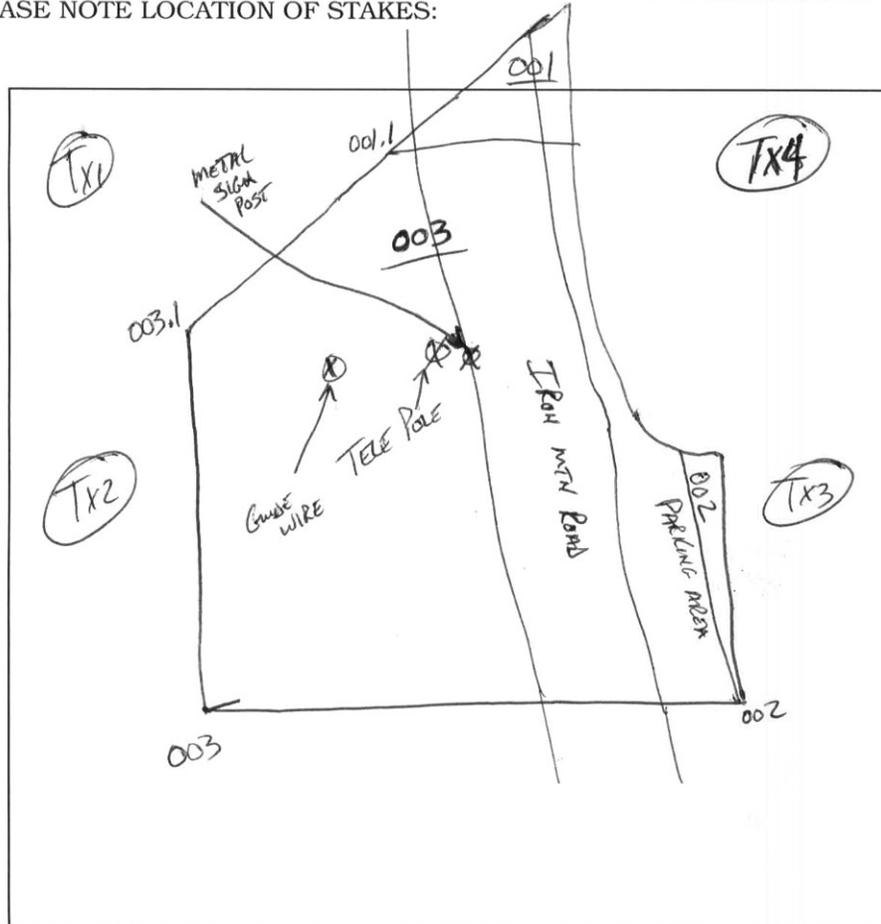
PLEASE NOTE LOCATION OF STAKES:



Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 2	Instrument	Serial #	Weather:
Date: 6/23/03	Allegro	5149	SUNNY, HOT 80°
Em File: 2623001A	Positioning	ATX 1912	Tree Density:
Positioning File: 2623001A	Coil	991614	NONE
START TIME: 0837	Backpack	21922-3	Terrain:
STOP TIME: 0914	EM Battery Voltage:		FLAT
Grids Completed: 001, 002, 003	COIL WALKER: TY	BACKPACK OPERATOR: DANNY	
STAKE ID	X	Y	Z
003.1	25.92	11.24	-2.34
001.1	-27.63	77.43	-1.52
002	92.30	115.37	-6.48
003	98.39	15.50	-5.25

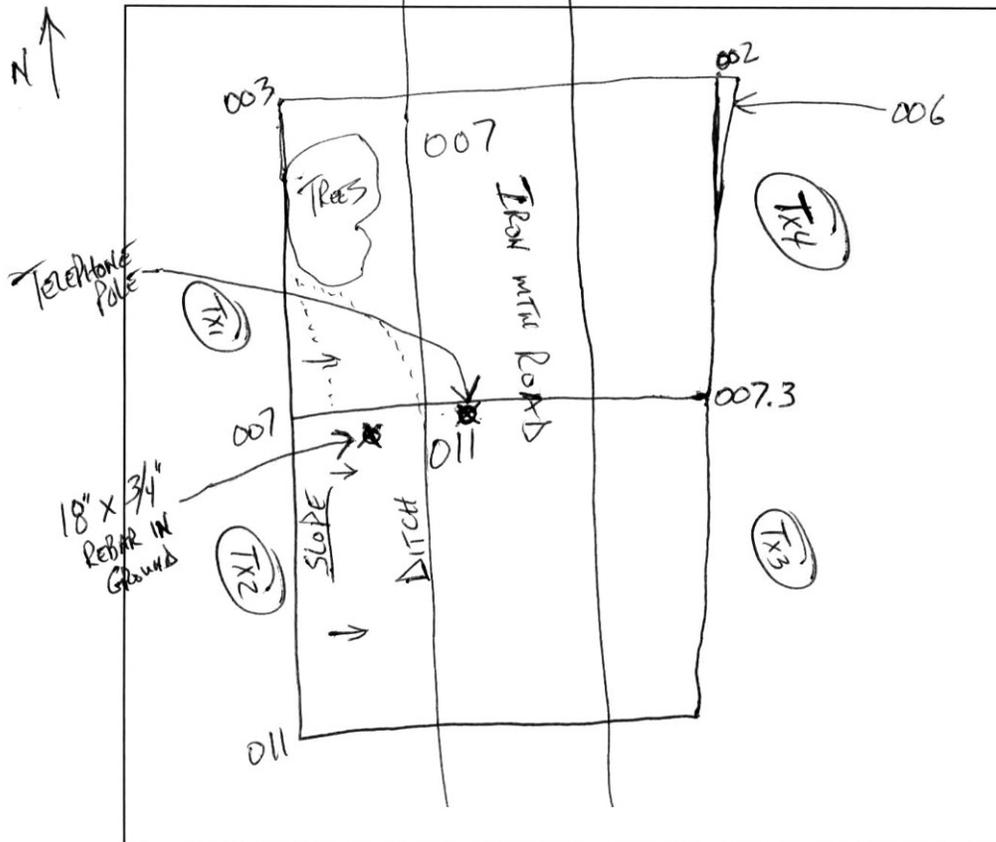
PLEASE NOTE LOCATION OF STAKES:



Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 2	Instrument	Serial #	Weather:
Date: 6/23/03	Allegro	5149	SUNNY HGT 85°
Em File: 2623007A	Positioning	ATX 1912	Tree Density:
Positioning File: 2623007A	Coil	991614	Low
START TIME: 1001	Backpack	21922-3	Terrain:
STOP TIME: 1055	EM Battery Voltage:		FLAT some SLOPE on W. SIDE OF ROAD
Grids Completed: 006, 007, 011	COIL WALKER: TY	BACKPACK OPERATOR: KENT	
STAKE ID	X	Y	Z
007	24.21	9.27	1.59
007.3	22.71	104.76	-4.23
002	-77.44	107.69	-3.28
003	-75.78	7.85	-2.06

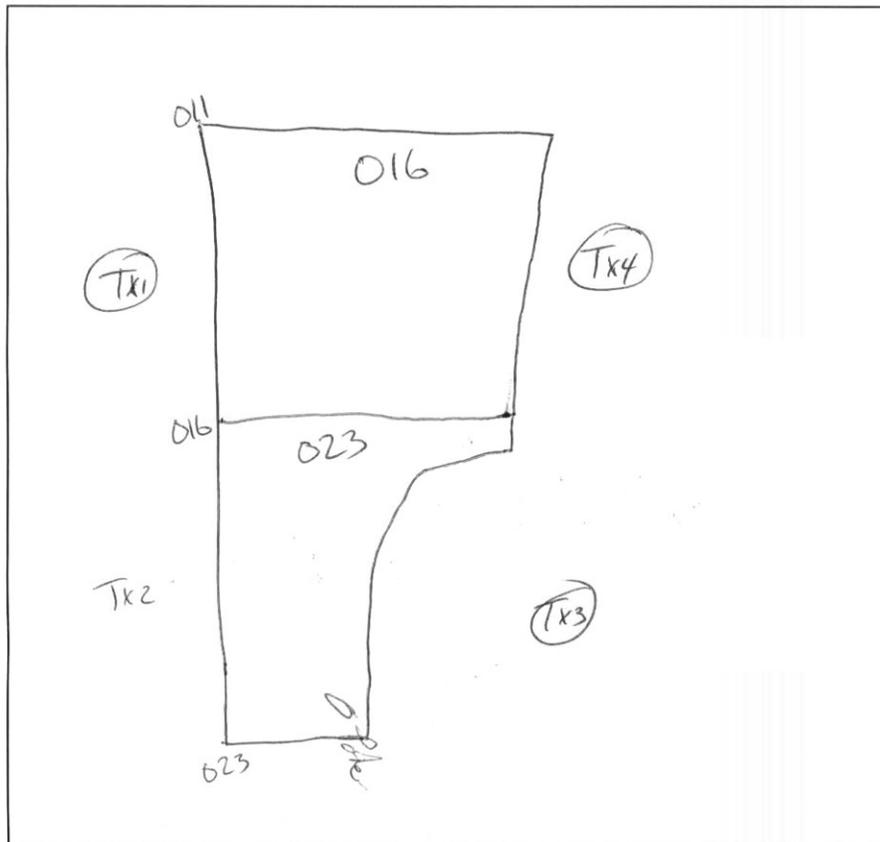
PLEASE NOTE LOCATION OF STAKES:



Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 2	Instrument	Serial #	Weather:
Date: 6/23/03	Allegro	5149	Sunny, Breezy .85°
Em File: 2623016A	Positioning	ATX 1912	Tree Density:
Positioning File: 2623016A	Coil	991614	NONE
START TIME: 12:16	Backpack	21922-3	Terrain:
STOP TIME: 13:04	EM Battery Voltage:		FLAT, SLOPE ON W. SIDE OF ROAD.
Grids Completed: 016, 023	12:60v		
COIL WALKER: Kurt	BACKPACK OPERATOR: TY		
STAKE ID	X	Y	Z
016	23.43	11.19	-1.46
023	123.77	14.22	-4.64
023,3	122.38	53.65	-4.80
011,3	-78.75	95.25	-3.05

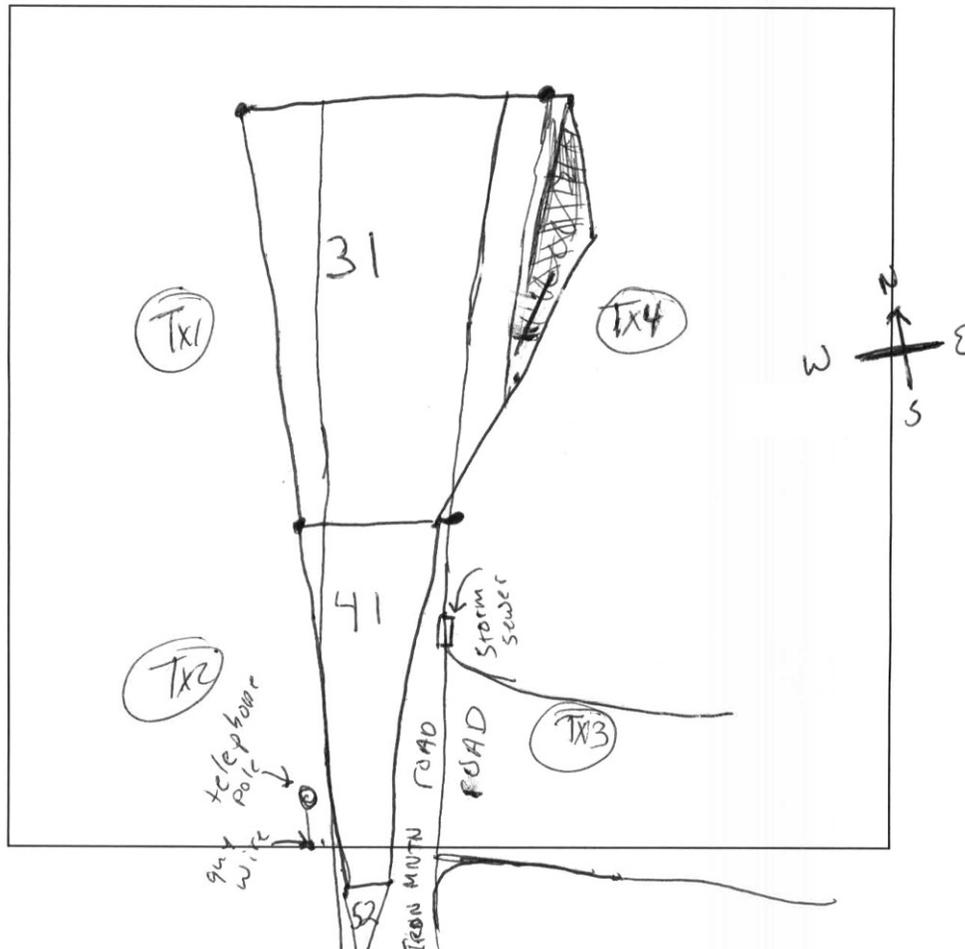
PLEASE NOTE LOCATION OF STAKES:



Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 2	Instrument	Serial #	Weather:
Date: 6/23/03	Allegro	5149	Clear 88°
Em File: 2623031a	Positioning	ATX 1912	Tree Density:
Positioning File: 2623031A	Coil	991614	None
START TIME: 1429	Backpack	21922-3	Terrain:
STOP TIME: 1457	EM Battery Voltage:		Flat
Grids Completed: 31, 41, 52	COIL WALKER: Kent		
BACKPACK OPERATOR: Danny			
STAKE ID	X	Y	Z
31.3	18.56	35.16	-1.39
52.4	119.76	36.41	-1.67
052	138.96	26.32	-1.71
023	-79.50	16.41	-0.27

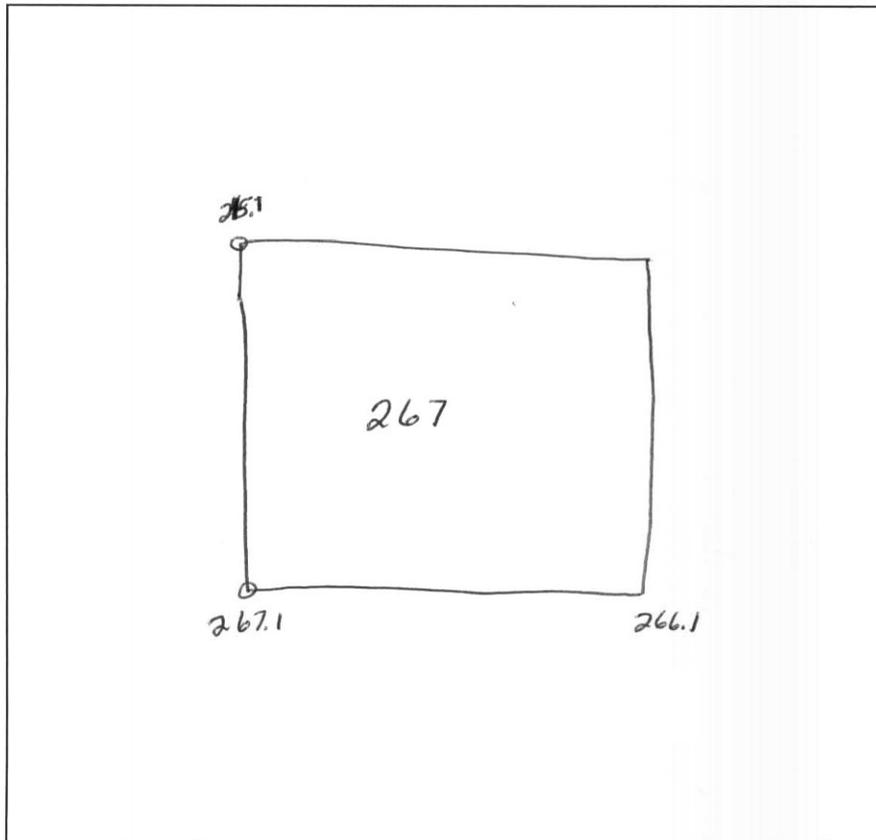
PLEASE NOTE LOCATION OF STAKES:



Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 1	Instrument	Serial #	Weather:
Date: 6-24-03	Allegro	5173	Clear, Hot
Em File: 1624267a	Positioning	SET 1	Tree Density:
Positioning File: 1624267a.pcs	Coil	991612	Medium
START TIME: 9:08	Backpack	21933-3	Terrain:
STOP TIME: 9:46	EM Battery Voltage:		Hilly
Grids Completed: 267	12.9		
COIL WALKER: Steelman	BACKPACK OPERATOR: Soth		
STAKE ID	X	Y	Z
267.1	35.01	119.37	-20.41
245.1	65.85	20.49	-9.69
266.1	-44.00	108.76	-12.29

PLEASE NOTE LOCATION OF STAKES:



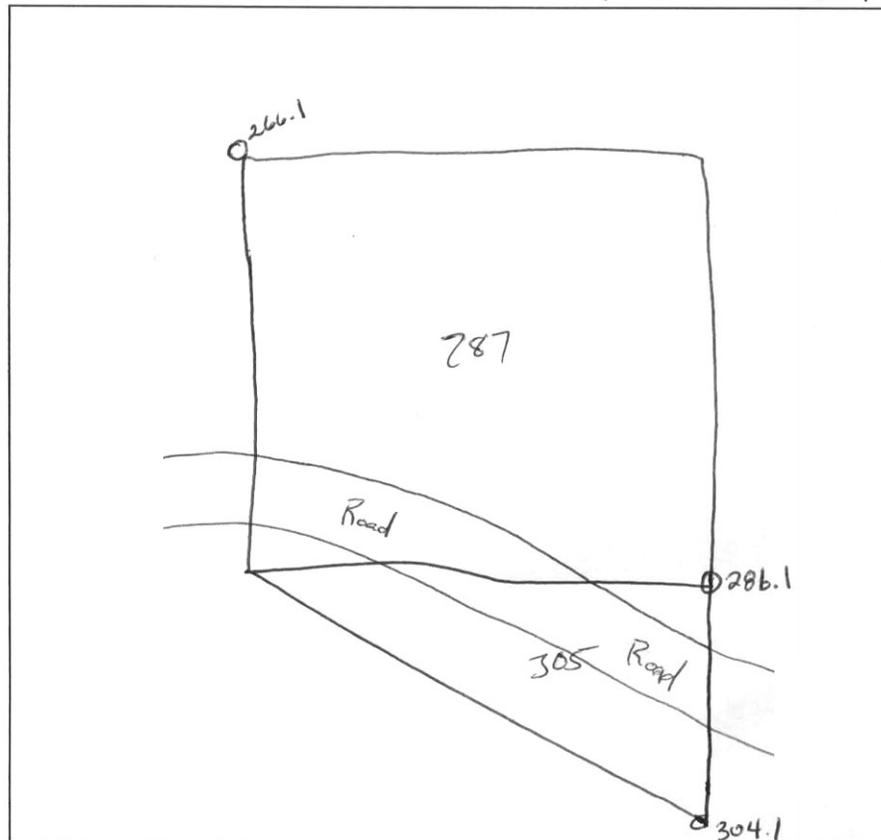
WBGT 9:30 83

Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: <i>Map 1</i>	Instrument	Serial #	Weather:
Date: <i>6-24-03</i>	Allegro	<i>5173</i>	<i>clear</i>
Em File: <i>1624287a</i>	Positioning	<i>Set 1</i>	Tree Density:
Positioning File: <i>1624287a</i>	Coil	<i>991612</i>	<i>medium</i>
START TIME: <i>1142</i>	Backpack	<i>21933-3</i>	Terrain:
STOP TIME: <i>1225</i>	EM Battery Voltage:	<i>12.9</i>	<i>Hills</i>
Grids Completed: <i>287 305</i>			
STAKE ID	X	Y	Z
<i>304.1</i>	<i>-90.58</i>	<i>13.80</i>	<i>-3.55</i>
<i>286.1</i>	<i>-35.63</i>	<i>12.58</i>	<i>-2.56</i>
<i>266.1</i>	<i>65.41</i>	<i>11.33</i>	<i>-11.80</i>

PLEASE NOTE LOCATION OF STAKES:

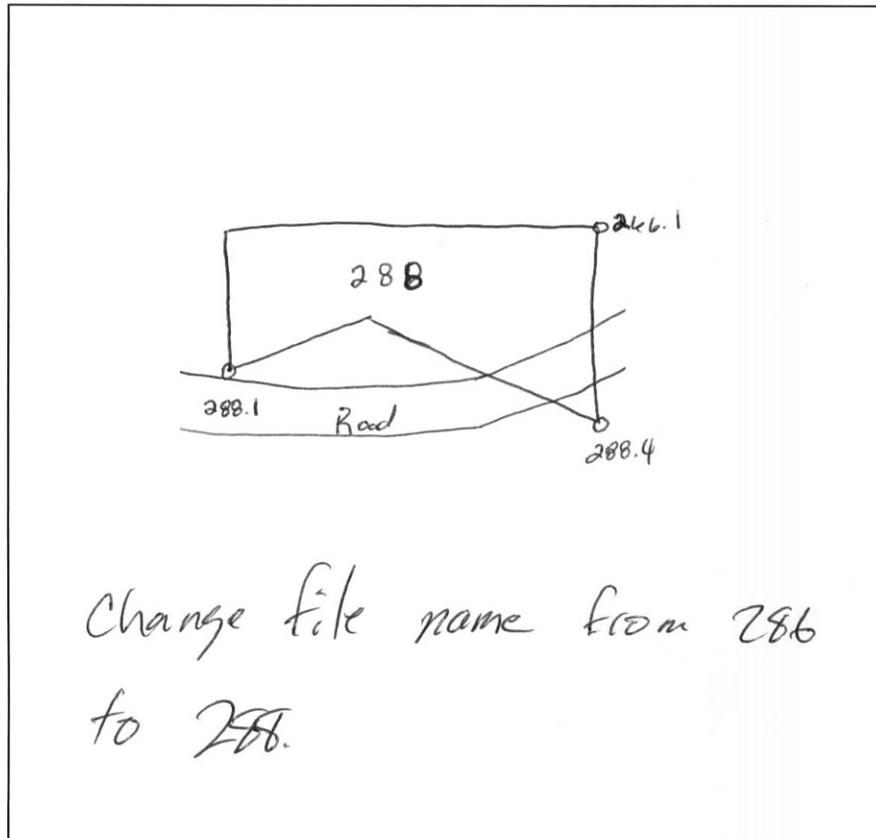
Coil: *STEELMAN* Backpack: *Futal*



Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 1	Instrument	Serial #	Weather:
Date: 6-24-03	Allegro	5173	Clear, Hot
Em File: 1624288a	Positioning	SET 1	Tree Density:
Positioning File: 1624288a.pos	Coil	991612	Medium
START TIME: 131:24	Backpack	21933-3	Terrain:
STOP TIME: 1357	EM Battery Voltage:	12.45	Hilly
Grids Completed: 288	COIL WALKER: Steelman	BACKPACK OPERATOR: SOT#	
STAKE ID	X	Y	Z
266.1	- 34.13	9.00	5.86
288.4	40.27	99.74	1.11
288.1	2.65	84.79	-11.60

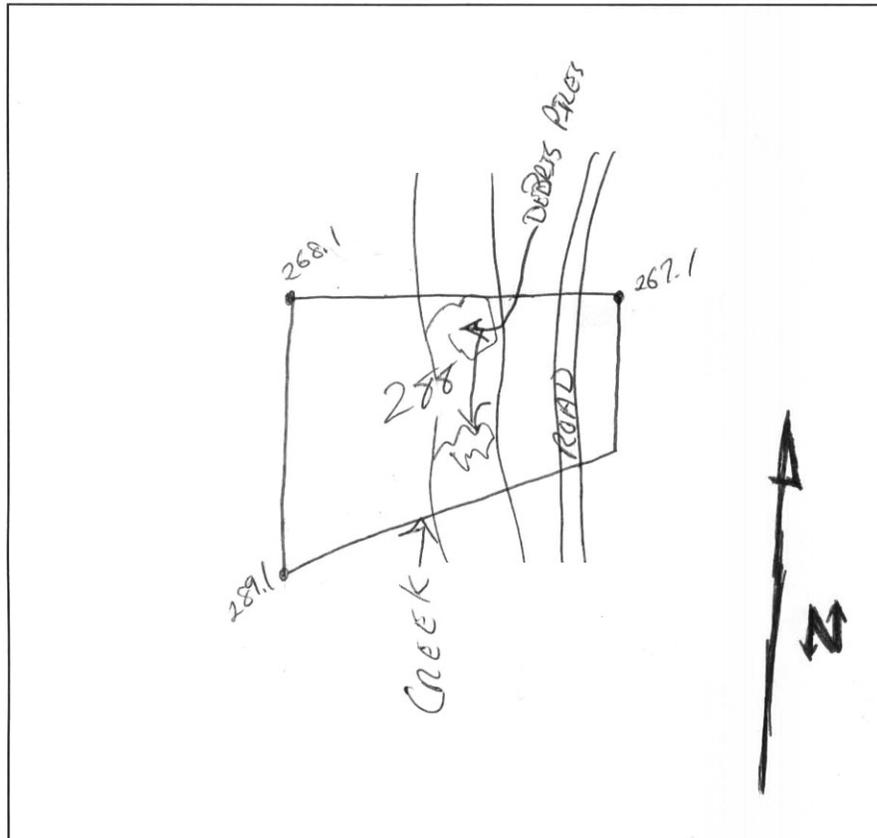
PLEASE NOTE LOCATION OF STAKES:



Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 1	Instrument	Serial #	Weather:
Date: 6-24-05	Allegro	5173	SUNNY
Em File: 1624289a	Positioning	SET 1	Tree Density:
Positioning File: 1624289a	Coil	991612	MED
START TIME: 1545	Backpack	21933-3	Terrain:
STOP TIME: 1610	EM Battery Voltage:		Hills
Grids Completed: 289	2.45		
COIL WALKER: Futral	BACKPACK OPERATOR: Sloth		
STAKE ID	X	Y	Z
267.1	-31.81	31.47	10.27
268.1	66.18	731	-5.19
		78.65	
289.1	83.77	78.81	0.82

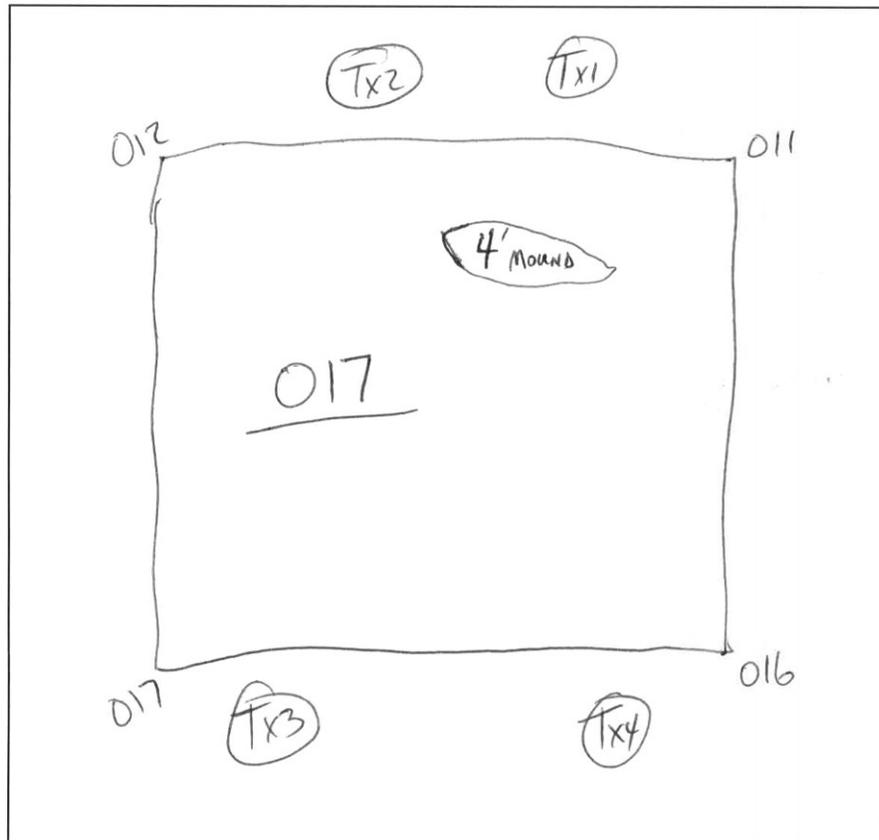
PLEASE NOTE LOCATION OF STAKES:



Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 2	Instrument	Serial #	Weather: <i>Hot!</i>
Date: <i>6/24/03</i>	Allegro	5149	<i>Partly Cloudy 89°</i>
Em File: <i>2624017A</i>	Positioning	ATX 1912	Tree Density:
Positioning File: <i>2624017A</i>	Coil	991614	<i>Light</i>
START TIME: <i>14:42</i>	Backpack	21922-3	Terrain:
STOP TIME: <i>15:31</i>	EM Battery Voltage:		<i>Slight Slope with Hump</i>
Grids Completed: <i>017</i>	<i>12.6V</i>		
COIL WALKER: <i>Ty</i>	BACKPACK OPERATOR: <i>Kent</i>		
STAKE ID	X	Y	Z
<i>011</i>	<i>-26.85</i>	<i>12.83</i>	<i>-6.86</i>
<i>012</i>	<i>73.12</i>	<i>11.62</i>	<i>4.96</i>
<i>017</i>	<i>74.21</i>	<i>111.04</i>	<i>6.30</i>
<i>016</i>	<i>-25.41</i>	<i>112.83</i>	<i>-11.32</i>

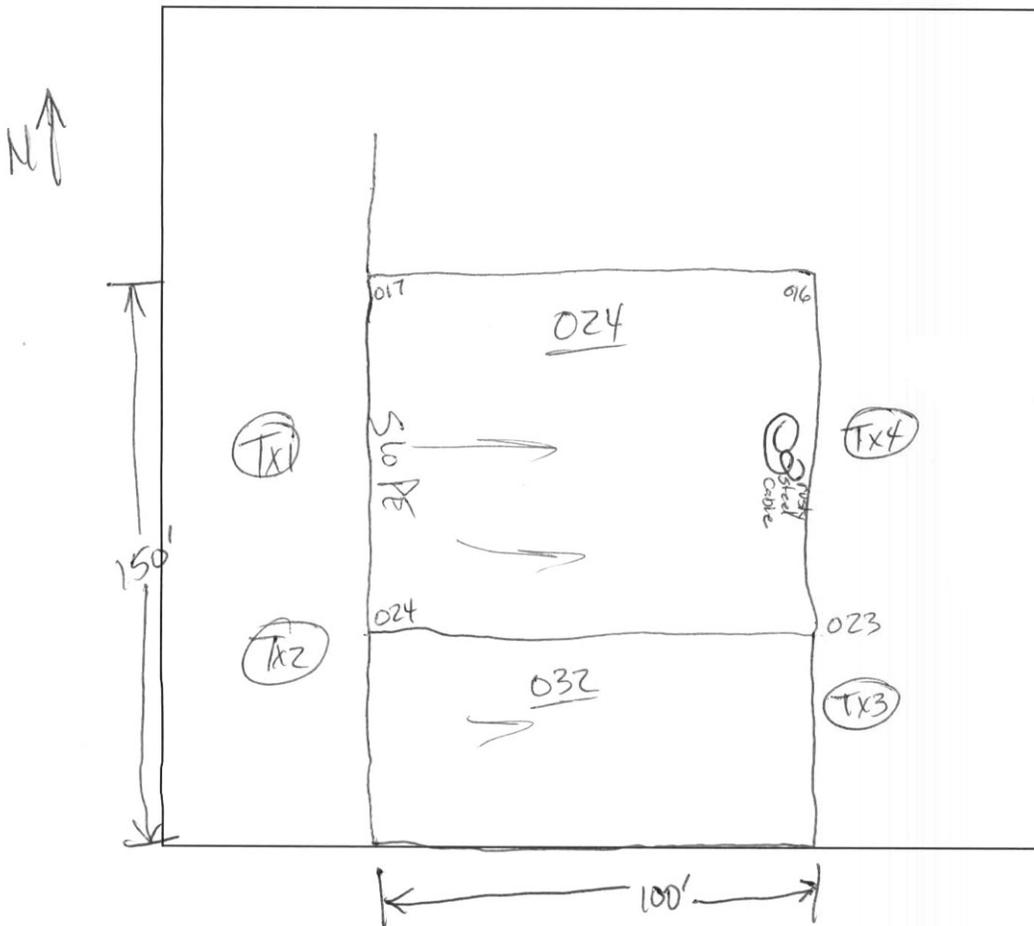
PLEASE NOTE LOCATION OF STAKES:



Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 2	Instrument	Serial #	Weather:
Date: 6/24/03	Allegro	5149	Hot! 90°
Em File: 2624024A	Positioning	ATX 1912	Tree Density:
Positioning File: 2624024A	Coil	991614	Light
START TIME: 1201	Backpack	21922-3	Terrain:
STOP TIME: 1300	EM Battery Voltage:		Slight Slope
Grids Completed: 024 AND 032 PARTIAL	COIL WALKER: Ty	BACKPACK OPERATOR: Danny	
STAKE ID	X	Y	Z
024	50.25	13.32	-3.45
017	-49.86	16.11	4.16
016	-46.94	116.03	-73.45
023	53.35	113.18	-16.76

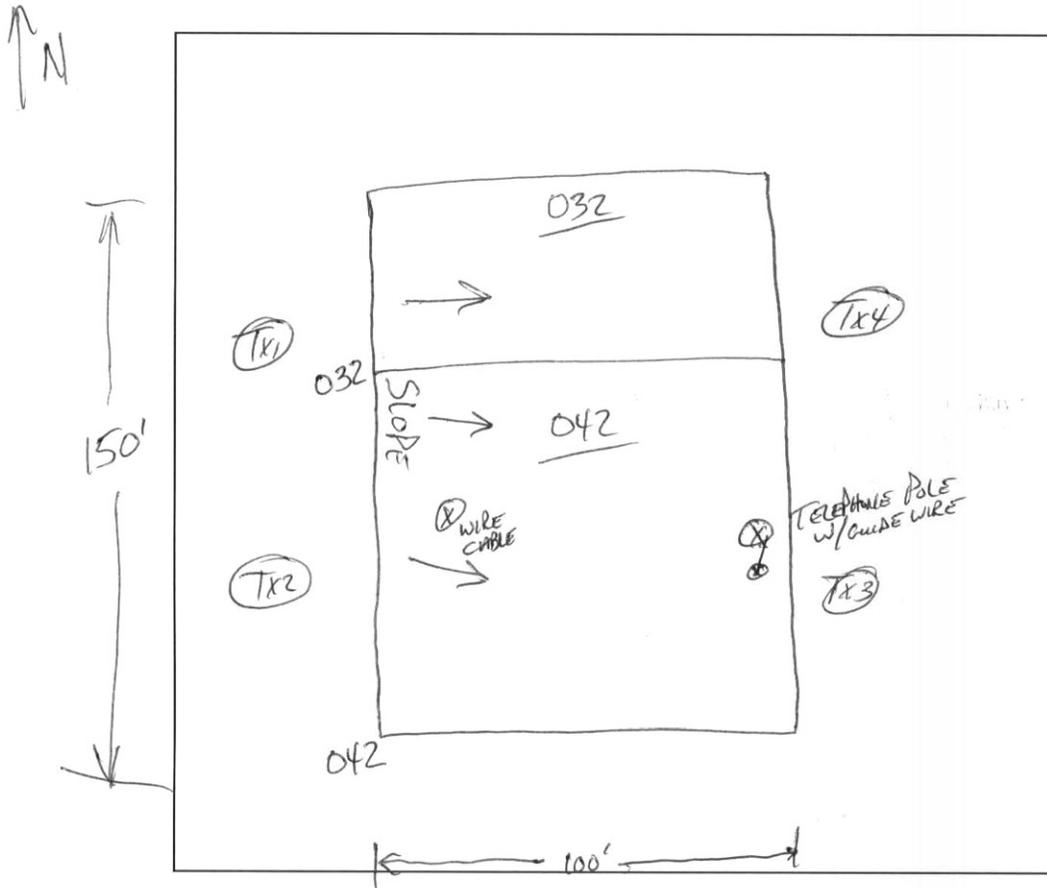
PLEASE NOTE LOCATION OF STAKES:



Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 2	Instrument	Serial #	Weather:
Date: 6/24/03	Allegro	5149	CLEAR 84° 66t
Em File: 2624042A	Positioning	ATX 1912	Tree Density:
Positioning File: 2624042A	Coil	991614	LIGHT
START TIME: 0942	Backpack	21922-3	Terrain:
STOP TIME: 1052	EM Battery Voltage:		SLOPED
Grids Completed: 042 AND 032 PARTIAL	12.9		
COIL WALKER: KENT	BACKPACK OPERATOR: TY		
STAKE ID	X	Y	Z
032	-3.27	11.76	-1.32
031	-2.47	111.72	-21.74
041	97.33	111.00	-21.39
042	96.95	10.74	4.74

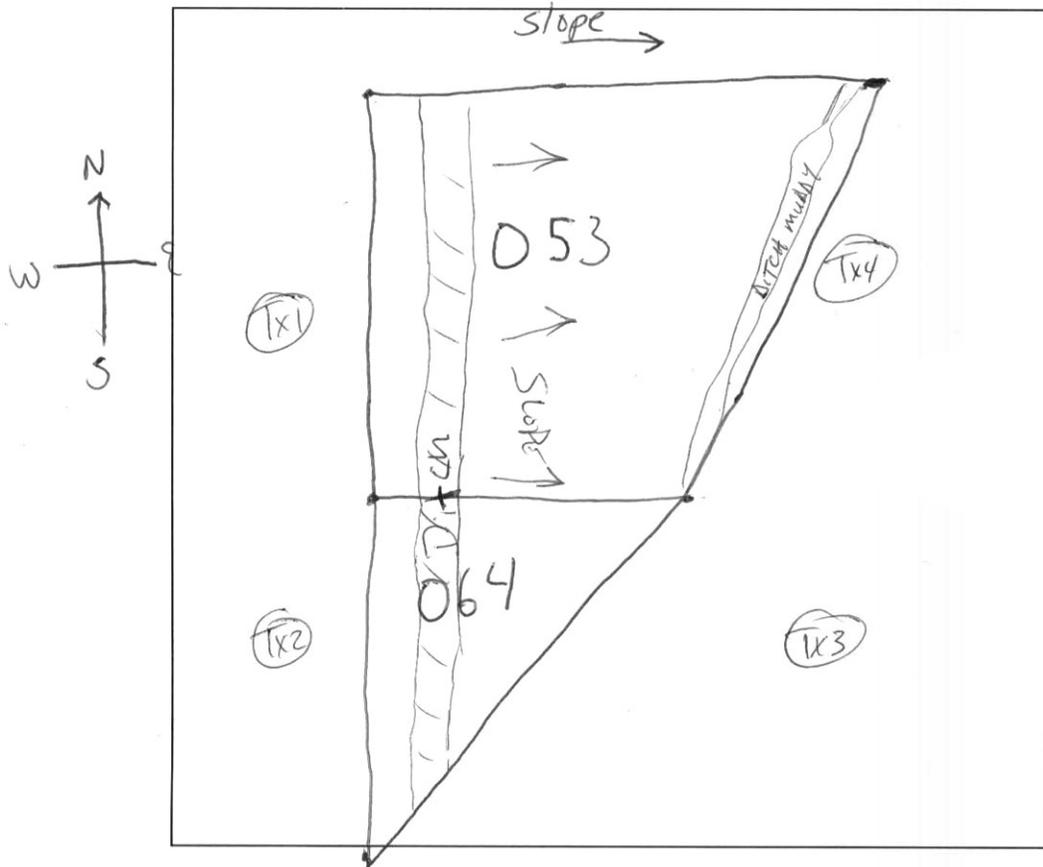
PLEASE NOTE LOCATION OF STAKES:



Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 2	Instrument	Serial #	Weather: Clear 82°
Date: 6/24/03	Allegro	5149	
Em File: 2624053A	Positioning	ATX 1912	Tree Density: Very light
Positioning File: 2624053A	Coil	991614	
START TIME: 0754	Backpack	21922-3	Terrain: Sloped
STOP TIME: 0850	EM Battery Voltage: 13.0		
Grids Completed: 053, 064	COIL WALKER: Kent	BACKPACK OPERATOR: Danny	
STAKE ID	X	Y	Z
053	29.17	10.92	-2.37
064.3	30.96	63.71	-15.82
052	-48.77	113.55	-22.22
042	-70.45	13.88	3.86

PLEASE NOTE LOCATION OF STAKES:

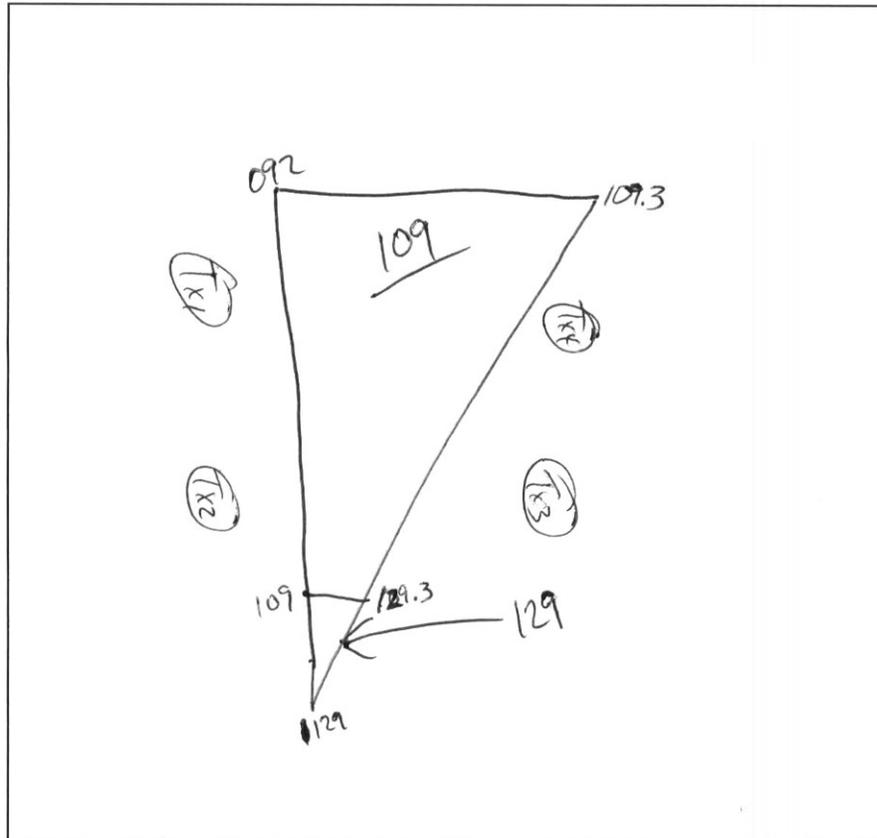


Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 2	Instrument	Serial #	Weather:
Date: 6/24/03	Allegro	5149	Sunny 85°
Em File: 2625109A	Positioning	ATX 1912	Tree Density:
Positioning File: 2625109A	Coil	991614	Very Light
START TIME: 0919	Backpack	21922-3	Terrain:
STOP TIME: 0940	EM Battery Voltage:		Flat
Grids Completed: 109, 129	12.9		
COIL WALKER: Ty	BACKPACK OPERATOR:	Denny	
STAKE ID	X	Y	Z
109	66.86	10.03	-2.10
129.3	67.30	30.62	-3.82
109.3	-31.42	90.81	-3.61
092	-33.97	12.37	2.63

PLEASE NOTE LOCATION OF STAKES:

* SYSTEM Shut Down AFTER ^{2ND} BAR WAS WALKED DURING STATIC TEST. (UNNAMED ERROR)



Constellation Grid Sheet TO 0019 "Y" Junction

Mapping Team: TEAM 1	Instrument	Serial #	Weather:
Date: 6-25-03	Allegro	5173	Clear, Humid
Em File: 1625060a	Positioning		Tree Density:
Positioning File: 1625060apos	Coil	991617	Medium
START TIME: 0756	Backpack		Terrain:
STOP TIME: 0843	EM Battery Voltage:		Flat
Grids Completed: 60, 61	12.6		
COIL WALKER: Steelman	BACKPACK OPERATOR:	Futral	
STAKE ID	X	Y	Z
60.1	36.91	16.64	4.29
61.1	62.34	-27.60	-2.78
49.1	-23.40	116.55	9.02

PLEASE NOTE LOCATION OF STAKES:

