

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-449

Geosource Inc.

DATE	1-14-84	INSTRUMENT MAN	B. Cotcamp	ROD MAN	W. Greenfield	PARTY NUMBER	6834	NOTES CHECKED BY	C.Y. B.C.	LINE NO.	4	PAGE	1
AREA	FLA.	TOPO MAP	Jennings - 7 1/2'	STATE	FLORIDA	COUNTY	Hamilton	TWP		PARTY MANAGER	L.O. Davis		

STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS TP	COORDINATES		REMARKS
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.	
X	checked	ELEVATION: culvert								79.0	K.			CULVERT ELEV. 79.0
	1776		214° 25' 55"		+12.2	90° 30'	+15.5	+27.7	106.7		BS			
	1776				+12.3	269° 30'	+15.5	+27.8		BS				
#	42		98° 27' 30"	-1.8°	2.7	90° 30'	-0.4	-3.4		103.6	TP	-5	+42	551,305 2,451,490
X	0				5.2	-		-5.2		101.5	TP	0	0	551,310 2,451,448
1	144		271° 54'	--	8.4	89° 40'	+0.8	-7.6		99.1		±0	-144	551,310 2,451,304
2	474		" "	--	11.0	89° 40'	+2.8	-8.2		98.5		+1	-474	551,311 2,450,974
3	804		" "	--	5.1	89° 40'	+4.7	-0.4		106.3		+1	-804	551,311 2,450,644
4	1133		271° 08' 42"	--	8.0	89° 40'	+6.6	-1.4	105.3		TP	-13	-1133	551,296 2,450,315
4	1133			--	11.3	89° 30'	+9.9	-1.4		TP		-1		
	1977		91° 24' 14"	-1.8°	8.2	TH	-9.9	-1.7	103.5		BS	-14	-1977	
	1977				+8.1	TH 270-	-9.9	-1.8		BS		-1		
5	1650		91° 05'	--	9.8	90° 10'	-4.8	-14.6		88.9		+21	+1650	551,302 2,449,988
6	1320		90° 48'	--	8.9	90° 50'	-19.2	-28.1		75.4		+23	+1320	551,302 2,449,658
7	990		90° 36'	--	9.0	91° 10'	-20.2	-29.2		74.3		+21	+990	551,302 2,449,328
8	660		90° 11'	--	8.3	91° 10'	-13.4	-21.7		81.8		+19	+660	551,300 2,448,998
9	330		90° 03'	--	5.3	91° 10'	-6.7	-12.0		91.5		+10	+330	551,291 2,448,668
10	0				5.2	-		-5.2		98.3	TP	0	0	551,281 2,448,338
11	330		273° 44'	-1.8°	5.1	90° 40'	-3.8	-8.9		94.6		+11	-330	551,292 2,448,008
12	660		272° 24'	--	10.1	91° 10'	-13.4	-23.5		80.0		+7	-660	551,288 2,447,678
13	990		272° 02'	--	8.2	91° 10'	-20.2	-28.4		75.1		+4	-990	551,285 2,447,348

Take off X, Y, S
 S - 551,305 X - 2,451,490
 TP 4 way inter.

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GEO-445

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DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
1-14-84		B. Cotcamp		W. Greenfield		6834		C.Y. B.C.		4		2			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
FLORIDA		Jennings-7 1/2'		FLA.		Hamilton								L.O. Dquis	
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	COORDINATES		REMARKS	
												NORTH + SOUTH -	EAST + WEST -		Y
									103.5						
14	1320		271° 54'	-1.8°	9.1	90° 50'	-19.2	-28.3		75.2		+2	-1320	551,283	2,447,018
15	1650		" "	" "	7.8	90° 50'	-24.0	-31.8		71.7		+3	-1650	551,284	2,446,688
#	1713		271° 34' 06"	" "	5.9	90° 50'	-24.9	-30.8		72.7	#	-7	-1713	551,274	2,446,625
16	1980		271° 48'	" "	11.1	90° 40'	-23.0	-34.1		69.4		±0	-1980	551,281	2,446,358
17	2310		" "	-1.8°	11.0	90° 40'	-26.9	-37.9		65.6		±0	-2310	551,281	2,446,028
18	2640		" "	" "	7.1	90° 40'	-30.7	-37.8		65.7		±0	-2640	551,281	2,445,698
19	2970		271° 48'	" "	11.3	90° 18'	-15.6	-26.9		76.6		±0	-2970	551,281	2,445,368
20	3300		" "	" "	6.8	90° 06'	-5.8	-12.6		90.9		±0	-3300	551,281	2,445,038
21	3627		271° 42' 54"	" "	4.8	89° 56'	+4.2	-0.6		102.9	TP	-5	-3627	551,275	2,444,711
21	3627				4.7	270° 04'	+4.2	-0.5			TP	-1			
	3629		91° 11' 17"	-1.8°	+8.9	89° 24'	-38.0	-29.1			BS	-39	-3629		
	3629				+9.1	270° 36'	-38.0	-28.9			BS	-1			
22	3300		91° 05'	" "	6.6	89° 26'	+32.6	+26.0		99.9		+41	+3300	551,276	2,444,382
23	2970		" "	" "	8.9	89° 30'	+25.9	+17.0		90.9		+37	+2970	551,272	2,441,052
24	2640		" "	" "	11.6	89° 30'	+23.0	+11.4		85.3		+33	+2640	551,268	2,443,722
25	2310		91° 05'	-1.8°	11.5	89° 30'	+20.2	+8.7		82.6		+29	+2310	551,264	2,443,392
26	1980		" "	" "	11.9	89° 30'	+17.3	+5.4		79.3		+25	+1980	551,260	2,443,062
27	1650		" "	" "	12.3	89° 30'	+14.4	+2.1		76.0		+21	+1650	551,256	2,442,732
28	1320		" "	" "	8.7	89° 40'	+7.7	-1.0		72.9		+17	+1320	551,252	2,442,402
29	990		" "	" "	8.9	89° 40'	+5.8	-3.1		70.8		+12	+990	551,247	2,442,072

4-551,285 x -2,446,610
4 way Inter. EL. 72.0

73.9
-29.3

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
1-14-84		B. Cotcamp		W. Greenfield		6834		C.Y.		4		3			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
FLORIDA		Jennings - 7 1/2'		FLA.		Hami. Ho.								L. O. Davis	
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
									73.9						
30	660		90° 43'	-1.8°	8.7	89° 40'	+3.8	-4.9		69.0		+12	+660	551,247	2,441,742
31	330		" "	" "	8.0	89° 40'	+1.9	-6.1		67.8		+6	+330	551,241	2,441,412
#	249		92° 35' 41"	" "	7.1	89° 40'	+1.4	-5.7		68.2	#	-3	+249	551,232	2,441,331
32	0				5.2	-		-5.2		68.7	π	0	0	551,235	2,441,082
33	330		271° 01'	-1.8°	6.1	89° 10'	+4.8	-7.3		72.6		-5	-330	551,230	2,440,752
34	660		" "	" "	7.6	89° 10'	+9.6	+2.0		75.9		-9	-660	551,226	2,440,422
35	990		" "	" "	10.1	89° 10'	+14.4	+4.3		78.2		-14	-990	551,221	2,440,092
36	1320		" "	" "	12.1	89° 10'	+19.2	+7.1		81.0		-18	-1320	551,217	2,439,762
37	1650		271° 01'	-1.8°	12.5	89° 10'	+24.0	+11.5		85.4		-23	-1650	551,212	2,439,432
38	1980		" "	" "	12.1	89° 10'	+28.8	+16.7		90.6		-27	-1980	551,208	2,439,102
39	2310		" "	" "	11.6	89° 10'	+33.6	+22.0		95.9		-32	-2310	551,203	2,438,772
40	2640		" "	" "	6.0	89° 20'	+30.7	+24.7		98.6		-36	-2640	551,199	2,438,442
41	2969		271° 00' 07"	" "	10.3	89° 24'	+31.1	+20.8		94.7	TP	-41	-2969	551,193	2,438,113
41	2969				10.4	270° 36'	+31.1	+20.7			TP	-1			
	2308		91° 14' 29"	-1.8°	8.6	90° 40'	+26.9	+35.5			BS	-23	-2308		
	2308				8.8	269° 20'	+26.9	+35.7	+35.6		BS	-1			
#	2244		91° 11' 58"	" "	8.6	90° 40'	-26.1	-34.7		95.6	#	+24	+2244	551,193	2,438,049
42	1980		91° 05'	" "	11.3	90° 40'	-23.0	-34.3		96.0		+25	+1980	551,194	2,437,785
43	1650		" "	" "	12.0	90° 40'	-19.2	-31.2		99.1		+21	+1650	551,190	2,437,455
44	1320		" "	" "	8.8	90° 40'	-15.4	-24.2		106.1		+17	+1320	551,186	2,437,125

1/4 - 551,220 x - 2,441,320
1/4 - 4 way Inter. EL 66.0

1/4 - 551,185 x - 2,438,000
1/4 - 4 way Inter. EL 95.0

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DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
1-14-84		B. Cotcamp		W. Greenfield		6834		C.J.		B.C.		4			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
FLORIDA		Jennings-7 1/2'		FLA.		HAMILTON								L.O. Davis	
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS TP	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
									130.3						
45	990		91 05	-1.8°	10.1	90° 40'	-11.5	-21.6		108.7		+12	+990	551,181	2,436,795
46	660		" "	" "	11.0	90° 50'	-9.6	-20.6		109.7		+8	+660	551,177	2,436,465
47	330		" "	" "	8.1	90° 50'	-4.8	-12.9		117.4		+4	+330	551,173	2,436,135
48	0				5.2	-		-5.2		125.1	TP	0	0	551,169	2,435,805
49	330		271° 04'	-1.8°	6.2	90° 10'	-1.0	-7.2		123.1		-4	-330	551,165	2,435,475
50	660		" "	" "	6.1	90° 10'	-1.9	-8.0		122.3		-8	-660	551,161	2,435,145
51	990		" "	" "	6.9	90° 10'	-2.9	-9.8		120.5		-13	-990	551,156	2,434,815
52	1320		271° 04'	-1.8°	10.1	90° 10'	-3.8	-13.9		116.4		-17	-1320	551,152	2,434,485
53	1650		" "	" "	11.9	90° 10'	-4.8	-16.7		113.6		-21	-1650	551,148	2,434,155
54	1980		" "	" "	10.8	90° 10'	-5.8	-16.6		113.7		-25	-1980	551,144	2,433,825
55	2310		" "	" "	9.6	90° 10'	-6.7	-16.3		114.0		-30	-2310	551,139	2,433,495
56	2640		271° 00 35	" "	11.9	90° 20'	-15.4	-27.3			TP	-36	-2640	551,132	2,433,165
56	2640				12.2	269° 40'	-15.4	-27.6	-27.5	102.8	TP	-			
	2968		91 18 53	-1.8°	4.3	-		+4.3	107.1		BS	-25	-2968		
	2968				4.2	270°		+4.2			BS	-			
57	2640		91 13	" "	6.4	90° 16'	-12.3	-18.7		88.4		+27	+2640	551,133	2,432,837
58	2310		" "	" "	7.0	90° 30'	-20.2	-27.2		79.9		+24	+2310	551,130	2,432,507
59	1980		" "	" "	8.2	90° 40'	-23.0	-31.2		75.9		+20	+1980	551,126	2,432,177
60	1922		91 21 29	" "	8.7	90° 40'	-22.4	-31.1		76.0	TI	+15	+1922	551,121	2,432,119
60	1650		91 13	" "	9.7	90° 40'	-19.2	-28.9		78.2		+17	+1650	551,123	2,431,847

y = 551,055 x = 2,432,120
T-Inter. EL. 76.6

Octahatchee - 7/2'

Jennings - 7 1/2'

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DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE				
1-14-84		B. Cotcamp		W. Greenfield		6834		C.S.		4		5				
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER		
FLORIDA		OCTAMARNOE-7 1/2'		FLORIDA										L.O. Davis		
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS TP	COORDINATES		REMARKS		
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y	X
61	1320		91° 13'	-1.8°	7.9	90° 40'	-15.4	-23.3	107.1	83.8		+13	+1320	551,119	2,431,517	
62	990		" "	" "	5.5	90° 40'	-11.5	-17.0		90.1		+10	+990	551,116	2,431,187	
63	660		" "	" "	5.9	90° 40'	-7.7	-13.6		93.5		+7	+660	551,113	2,430,857	
±1	589		92° 15' 30"	" "	7.2	90° 40'	-6.9	-14.1		93.0	±1	-5	+589	551,101	2,430,786	4-551,055 X-2,430,790 T-2429 EL 94.0
64	330		91° 13'	" "	8.1	90° 40'	-3.8	-11.9		95.2		+3	+330	551,109	2,430,527	
65	0				5.2	-		-5.2		101.9	π	0	0	551,106	2,430,197	
66	330		271° 02'	-1.8°	4.1	90° 40'	-3.8	-7.9		99.2		-4	-330	551,102	2,429,867	
67	660		" "	" "	6.3	90° 40'	-7.7	-14.0		93.1		-9	-660	551,097	2,429,537	
68	990		" "	" "	6.6	90° 40'	-11.5	-18.1		89.0		-13	-990	551,093	2,429,207	
69	1320		271° 02'	-1.8°	13.3	90° 10'	-3.8	-17.1		90.0		-18	-1320	551,088	2,428,877	
70	1650		" "	" "	4.9	90° 10'	-4.8	-9.7		97.4		-22	-1650	551,084	2,428,547	
71	1980		" "	" "	8.5	-		-8.5		98.6		-26	-1980	551,080	2,428,217	
72	2310		" "	" "	4.0	89° 56'	+2.7	-1.3		105.8		-31	-2310	551,075	2,427,887	
73	2638		270° 42' 16"	" "	10.2	89° 46'	+10.7	+0.5		107.6	TP	-50	-2638	551,055	2,427,557	
73	2638				10.3	270° 14'	+10.7	+0.4			TP	"				
	990		92° 15' 45"	-1.8°	2.1	88° 40'	-23.0	-20.9	86.7		BS	+8	-990			
	990			"	5.0	88° 30'	-25.9	-20.9			BS	"				
74	660		91° 19'	" "	8.0	88° 20'	+19.2	+11.2		97.9		+6	+660	551,067	2,427,229	
75	330		" "	" "	7.8	88° 20'	+9.6	+1.8		88.5		+3	+330	551,064	2,426,899	
76	0				5.2	-		-5.2		81.5	π	0	0	551,061	2,426,569	

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DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE				
1-14-84		B. Cotcamp		W. Greenfield		6834		KUG		4	6				
AREA		TOPO MAP	STATE	COUNTY		TWP	RANGE	PPM	PARTY MANAGER						
FLORIDA		OCTAMACHEE - 7 1/2'	FLA.	MAM, HON					L.O. Davis						
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
									86.7						
77	330		270 45'	-1.8°	6.5	89 50'	+1.0	-5.5		81.2		-6	-330	551,055	2,426,239
78	660		" "	" "	9.7	89 50'	+1.9	-7.8		78.4		-12	-660	551,049	2,425,909
79	990		" "	" "	9.1	89 50'	+2.9	-6.2		80.5		-18	-990	551,043	2,425,579
80	1320		270 34 44	" "	9.4	89 50'	+3.8	-5.6		81.1	TP	-28	-1320	551,032	2,425,249
80	1320				5.6	-		-5.6			TP	-			
	1649		90 48 23"	-1.8°	8.9	BM	+8.2	+17.1	98.1		BS	-29	-1649		
	1649				8.6	BM 20	+8.2	+16.8	110.3		BS	-			
81	1320		90 38'	" "	11.8	BM	-6.6	-18.4		79.7		+27	+1320	551,029	2,424,920
82	990		" "	" "	11.1	90 30'	-8.6	-19.7		78.4		+20	+990	551,022	2,424,590
83	660		" "	" "	10.9	90 30'	-5.8	-16.7		81.4		+13	+660	551,015	2,424,260
84	524		91 19 13"	" "	6.6	90 30'	-4.6	-11.2		86.9	TP	+4	+524	551,006	2,424,124
84	330		90 38'	" "	7.4	89 30'	+2.9	-4.5		93.6		+7	+330	551,009	2,423,930
85	0				5.2	-		-9.2		92.9	TP	0	0	551,002	2,423,600
86	330		271 19'	-1.8°	8.2	90 50'	-4.8	-13.0		85.1		-3	-330	550,999	2,423,270
87	660		" "	" "	9.7	90 50'	-9.0	-19.3		78.8		-6	-660	550,996	2,422,940
88	990		" "	" "	7.3	90 50'	-14.4	-21.7		76.4		-8	-990	550,994	2,422,610
89	1320		271 19'	" "	8.1	90 40'	-15.4	-23.5		74.6		-11	-1320	550,991	2,422,280
90	1650		" "	" "	8.9	90 30'	-14.4	-23.3		74.8		-14	-1650	550,988	2,421,950
91	1980		" "	" "	6.2	90 16'	-25.3	-31.5		66.6		-17	-1980	550,985	2,421,620
91	2090		271 11 05"	" "	9.2	90 04'	-2.4	-11.6		86.5	TP	-22	-2090	550,980	2,421,510

Y=550,990 X=2,424,105
4-WAY INT. EL. 89.0

Y=550,960 X=2,421,995
T-ROAD SOUTH EL. 90.6

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GEO-445

Geosource Inc.

DATE	1-14-84	INSTRUMENT MAN	B. G. Camp	ROD MAN	W. Greenfield	PARTY NUMBER	6834	NOTES CHECKED BY	HWC C.J.	LINE NO.	4	PAGE	7
AREA	FLORIDA	TOPO MAP	OCTAHATCHEE -7 1/2'	STATE	FLA.	COUNTY	Hamilton	TWP		PPM		PARTY MANAGER	L. O. Davis

STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	COORDINATES		REMARKS
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.	
									98.1					
92	2308		271° 12' 05"	-1.8°	3.1	90° 04'	-2.7	-5.8			TP	-24	-2308	550,977 2,421,292
92	2308				2.8	269° 56'	-2.7	-5.5	-5.73	92.4	TP	-1		
	2969		90° 37' 10"	++	7.5	-		+7.5			BS	-61	-2968	
	2969			+	7.1	270° -		+7.1	+7.33 99.7		BS	-1		
93	2640		90° 42'	-1.8°	6.7	-		-6.7		93.0		+51	+2640	550,966 2,420,964
94	2310		" "	" "	9.4	-		-9.4		90.3		+44	+2310	550,959 2,420,634
95	1980		" "	" "	10.9	-		-10.9		88.8		+38	+1980	550,953 2,420,304
91	1866		91° 00' 43"	" "	10.6	-		-10.6		89.1	91	+26	+1866	550,941 2,420,190 ⁵ T-ROAD NORTH
96	1650		90° 50'	-1.8°	12.1	-		-12.1		87.6		+28	+1650	550,943 2,419,974
97	1320		" "	" "	11.2	-		-11.2		88.5		+22	+1320	550,937 2,419,644
98	990		" "	" "	8.7	-		-8.7		91.0		+17	+990	550,932 2,419,314
99	660		" "	" "	7.8	-		-7.8		91.9		+11	+660	550,926 2,418,984
100	330		" "	" "	6.6	89° -	+5.8	-0.8		98.9		+6	+330	550,921 2,418,654
101	0				5.2	-		-5.2		94.5	TP	0	0	550,915 2,418,324
102	330		270° 49'	-1.8°	8.9	-		-8.9		90.8		-6	-330	550,909 2,417,994
103	660		" "	" "	11.1	-		-11.1		88.6		-11	-660	550,904 2,417,664
104	990		" "	" "	8.1	BH	-5.0	-13.1		86.6		-17	-990	550,898 2,417,334
105	1320		" "	" "	11.2	BH	-6.6	-17.8		81.9		-23	-1320	550,892 2,417,004
106	1650		" "	" "	10.9	90° 20'	-9.6	-20.5		79.2		-28	-1650	550,887 2,416,674
107	1980		" "	" "	7.9	90° 20'	-11.5	-19.4		80.3		-34	-1980	550,881 2,416,344

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE	1-16-84	INSTRUMENT MAN	B. Cotcamp	ROD MAN	W. Greenfield	PARTY NUMBER	6834	NOTES CHECKED BY	KUG	LINE NO.	4	PAGE	8	
AREA	FLORIDA	TOPO MAP	OCTAMATCHEE - 7 1/2	STATE	FLA.	COUNTY	HAMILTON	TWP		RANGE		PPM	PARTY MANAGER	L.O. Davis

STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	NORTH + SOUTH -	EAST + WEST -	COORDINATES		REMARKS
												LAT.	DEP.	Y	X	
									99.7							
47	2057		270° 40' 33"	-1.8°	6.7	-	-	-6.7		93.0	47	-40	-2057	550,875	2,416,267	5-550,870 x 2,416,250 4-way inter. EL. 90.0
108	2310		270° 55'	"	7.8	BH	-11.6	-19.4		80.3		-36	-2310	550,879	2,416,014	
109	2640		" "	"	4.3	BH	-13.2	-17.5		82.2		-41	-2640	550,874	2,415,684	
110	2970		" "	"	5.9	90° 20'	-17.3	-23.2		76.5		-46	-2970	550,869	2,415,354	
TP	3125		270° 36' 18"	"	8.1	90° 10'	-9.1	-17.2		82.5	TP	-65	-3124	550,849	2,415,200	
TP	3125				8.0	269° 50'	-9.1	-17.1			TP	-				
	312		89° 04' 07"	-1.8°	5.3	-	-	+5.3		87.8	BS	-15	-322			
	322				4.4	90° 10'	+0.9	+5.3			BS	-				
111	149		90° 02'	"	5.8	-	-	-5.8		82.0		+5	+149	550,838	2,415,027	
X	0				5.2	-	-	-5.2		82.6	X	0	0	550,833	2,414,878	
112	181		271° 47'	-1.8°	6.6	-	-	-6.6		81.2		+19	-180	550,852	2,414,658	
113	516		274° 50'	"	9.5	-	-	-9.5		78.3		+27	-509	550,860	2,414,369	
114	840		273° 17' 28"	-1.6°	8.2	-	-	-8.2		79.6	TP	+25	-840	550,857	2,414,039	
114	840				12.4	TH	+4.2	-8.2			TP	-1	+1			
	4288		91° 07' 05"	"	14.1	-	-	+14.1		93.5	BS	-36	-4288			
	4288				13.8	270°	-	+13.8		93.3	BS	-	+1			
115	3960		91° 10'	-1.6°	8.0	-	-	-8.0		85.5		+30	+3960	550,851	2,413,712	
41	3893		91° 16' 20"	"	7.1	-	-	-7.1		86.4	41	+22	+3893	550,843	2,413,645	5-550,820 x 2,413,610 T-Road north EL. 97.0
116	3630		91° 10'	"	6.9	-	-	-6.9		86.6		+27	+3630	550,848	2,413,382	
117	3300		" "	"	9.0	-	-	-9.0		84.5		+25	+3300	550,846	2,413,052	

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE						
1-16-84		B. Cotcamp		W. Greenfield		6834		KUG C.Y.		4	9						
AREA		TOPO MAP		STATE	COUNTY		TWP	RANGE	PPM	PARTY MANAGER							
FLORIDA		OCTANACHEE - 7 1/2'		FLA.	Hamilton					L.O. Davis							
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	NORTH + SOUTH -	EAST + WEST -	COORDINATES		REMARKS	
												LAT.	DEP.	Y	X		
									93.5								
118	2970		91° 10'	-1.6°	11.2	-		-11.2		82.3		+22	+2970	550,843	2,412,722		
119	2640		" "	" "	10.2	90° 04'	-3.1	-13.3		80.2		+20	+2640	550,841	2,412,392		
120	2970 2310		" "	" "	10.6	-		-10.6		82.9		+17	+2310	550,838	2,412,062		
121	1980		" "	" "	8.0	-		-8.0		85.5		+15	+1980	550,836	2,411,732		
122	1650		91° 10'	-1.6°	6.4	-		-6.4		87.1		+12	+1650	550,833	2,411,402		
123	1320		" "	" "	10.0	TM	+6.6	-3.4		90.1		+10	+1320	550,831	2,411,072		
124	990		" "	" "	6.0	-		-6.0		87.5		+7	+990	550,828	2,410,742		
125	660		" "	" "	5.3	-		-5.3		88.2		+5	+660	550,826	2,410,412		
126	330		" "	" "	5.0	TM	+1.7	-3.3		90.2		+3	+330	550,824	2,410,082		
127	0				5.2	-		-5.2		88.3	TP	0	0	550,821	2,409,752		
128	330		271° 09'	-1.6°	6.3	-		-6.3		87.2		-3	-330	550,818	2,409,422		
129	660		" "	" "	6.5	-		-6.5		87.0		-5	-660	550,816	2,409,092		
130	990		" "	" "	8.8	-		-8.8		84.7		-8	-990	550,813	2,408,762		
131	1320		" "	" "	6.8	BM	-6.6	-13.4		80.1		-10	-1320	550,811	2,408,432		
132	1650		" "	" "	6.4	BM	-8.3	-14.7		78.8		-13	-1650	550,808	2,408,102		
133	1980		" "	" "	12.0	-		-12.0		81.5		-16	-1980	550,805	2,407,772		
134	2310		271° 14'	" "	10.1	90° 04'	-2.7	-12.8		80.7		-15	-2310	550,806	2,407,442		
135	2640		271° 18'	" "	11.7	90° 04'	-3.1	-14.8		78.7		-14	-2640	550,807	2,407,112		
136	2969		271° 12' 47"	-1.6°	9.6	90° 04'	-3.5	-13.1		80.4	TP	-20	-2969	550,801	2,406,784		
136	2969				9.6	269 56	-3.5	-13.1			TP		+1				

SURVEY NOTES-HIGH RESOLUTION DATA
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Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE				
1.16.84		B. Cotcamp		W. Greenfield		6834		KWL		4	10				
AREA		TOPO MAP		STATE		COUNTY		TWP	RANGE	PPM	PARTY MANAGER				
FLORIDA		OCTAHATCHEE - 7 1/2'		FLA.		Hamilton					L.O. Davis				
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
	2640		91° 41' 10"	-1.6°	+6.7	BH	+13.2	+19.9	100.2		BS	+4	-2640		
	2640				+6.5	BH	+13.2	+19.7	119.8 1/2		BS				
137	2310		91° 14'	-1.6°	5.7	BH	-11.6	-17.3		82.9		+15	+2310	550.820	2,406,455
138	1980		" "	" "	7.0	BH	-9.9	-16.9		83.3		+13	+1980	550,818	2,406,125
139	1650		" "	" "	7.0	BH	-8.3	-15.3		84.9		+11	+1650	550,816	2,405,795
#	1321		91° 24' 50"	" "	13.4	-		-13.4		86.8	#	+4	+1321	550,809	2,405,466
140	1320		91° 14'	-1.6°	7.0	BH	-6.6	-13.6		86.6		+8	+1320	550,813	2,405,465
141	990		" "	" "	9.7	-		-9.7		90.5		+6	+990	550,811	2,405,135
142	660		" "	" "	8.1	-		-8.1		92.1		+4	+660	550,809	2,404,805
143	330		" "	" "	6.7	-		-6.7		93.5		+2	+330	550,807	2,404,475
144	0				5.2	-		-5.2		95.0	X	0	0	550,805	2,404,145
145	330		271° 10'	-1.6°	9.8	90° 30'	-2.9	-12.7		87.5		-3	-330	550,802	2,403,815
146	660		" "	" "	7.4	90° 30'	-5.8	-13.2		87.0		-5	-660	550,800	2,403,485
147	990		" "	" "	6.3	90° 30'	-8.6	-14.9		85.3		-7	-990	550,798	2,403,155
#	1055		270° 46' 23"	" "	4.7	90° 30'	-9.2	-13.9		86.3	#	-15	-1055	550,790	2,403,090
148	1320		271° 10'	-1.6°	4.1	90° 30'	-11.5	-15.6		84.6		-10	-1320	550,795	2,402,825
149	1650		271° 10'	" "	4.7	BH	-8.3	-13.0		87.2		-12	-1650	550,793	2,402,495
150	1980		" "	" "	8.7	-		-8.7		91.5		-15	-1980	550,790	2,402,165
151	2310		270° 51'	" "	4.1	-		-4.1		96.1		-30	-2310	550,775	2,401,835

4 - 550,790 x - 2,405,480
4 way inter. EL. 87.0

4 - 550,790 x - 2,403,090
4 way inter. EL. 86.0

North 1/2 - 18' well
X 24'

SURVEY NOTES-HIGH RESOLUTION DATA
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Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE					
1.17.84		B. Cotcamp		W. Greenfield		6834		KWG		4	12					
AREA		TOPO MAP		STATE		COUNTY		TWP	RANGE	PPM	PARTY MANAGER					
FLORIDA		Pinetta, OCTAMatchee		FLA.		MADISON					L.O. Davis					
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	COORDINATES		REMARKS		
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y	X
TK	# 4 way	Intersect	Elevation 94.0 y-		547.975	x-	2,387.180			94.0	TK				47.547975 2,387.180	
	1946		271° 41' 28"	-1.6	+11.8	90° 40'	+22.6	+34.4	} x128.4		BS	-3	+1946		TRaverse to station	
	1946				+11.7	269° 20'	+22.6	+34.3			BS					169
X	0				5.2	-		-5.2		123.2	X	0	0	547.972	2,389.126	
TP	2727		49° 52' 14"	-1.6	12.4	90° 20'	-15.9	-28.3	}	100.1	TP	+1815	+2035	549.787	2,391.161	
TP	2727				12.4	269° 40'	-15.9	-28.3				TP				
	2183		248° 00' 16"		+7.6	-		+7.6	}	107.6	BS	+874	+2000			
	2183				+7.3	270° -		+7.3			275.3	BS				
X	0				5.2	-		-5.2		102.4	X	0	0	550.661	2,393.161	
169	2619		90° 51'	-1.6	6.5	90° 50'	-38.1	-44.6		63.0		+34	+2619	550,695	2,395,780	
170	2296		90° 50'		9.0	90° 50'	33.4	-42.4		65.2		+31	+2296	550,692	2,395,457	
171	1966		" "		5.8	91° -	-34.3	-40.1		67.5		+26	+1966	550,687	2,395,127	
172	1634		" "		7.4	91° 10'	-33.3	-40.7		66.9		+22	+1636	550,683	2,394,797	
173	1306		90° 50'	-1.6	8.7	91° 10'	-26.6	-35.3		72.3		+17	+1306	550,678	2,394,467	
174	976		" "		14.4	91° 10'	-19.9	-34.3		73.2		+13	+976	550,674	2,394,137	
175	646		" "		11.2	91° 10'	-13.2	-24.4		83.2		+9	+646	550,670	2,393,807	OCTAMatchee - 7 1/2' ↑
176	316		" "		6.8	91° 10'	-6.4	-13.2		94.4		+4	+316	550,665	2,393,477	Pinetta - 7 1/2' ↓
177	35		10° 30'		5.0	88° 10'	+1.1	-3.9		103.7		+35	+5	550,696	2,393,166	
178	363		355° 26' 56"		3.3	88° -	+12.7	+9.4	}	117.0	TP	+361	-39	551,022	2,393,122	
178	363				4.4	87° 50'	+13.7	+9.3				TP				

SURVEY NOTES-HIGH RESOLUTION DATA

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Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE			
1-17-84		B. Cotcamp		W. Greenfield		6834		KWG C.Y.		4	13			
AREA		TOPO MAP		STATE		COUNTY		TWP	RANGE	PPM	PARTY MANAGER			
Florida		Pineapple - 7 1/2'		FLA.		MADISON					L.O. Davis			
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	COORDINATES		REMARKS
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.	
										117.0				
	422		183° 03' 49"	-1.6	6.6	92° -	+14.7	+21.3	138.3		BS	+422	+11	
	422				5.4	92° 10'	+16.0	+21.4		BS				
179	93		179° 47'	"	5.1	92° 10'	-3.5	-8.6		129.7		-93	+3	551,351 2,393,136
π	0				5.2	-		-5.2		133.1	π	0	0	551,444 2,393,133
180	236		351° 46'	-1.6	3.4	90° 40'	-2.7	-6.1		132.2		+233	-40	551,677 2,393,093
TP	317		352° 41' 58"	"	6.5	90° 20'	+1.8	-8.3		130.0	TP	+313	-49	551,757 2,393,084
TP	317				7.4	90° 10'	+0.9	-8.3			TP			
	119		196° 29' 57"	-1.6	1.8	-		+1.8	131.8		BS	+115	+31	
	119				2.4	TM	-0.6	+1.8		BS				
π	0				5.2	-		-5.2		126.6	π	0	0	551,872 2,393,115
181	128		4° 01'	-1.6	5.6	91° -	-2.2	-7.8		124.0		+128	+5	552,000 2,393,120
182	456		359° 12'	"	8.2	91° -	-8.0	-16.2		115.6		+456	-19	552,328 2,393,096
TP	536		358° 54' 22"	"	7.7	91° -	-9.4	-17.1		114.7	TP	+535	-25	552,407 2,393,080
TP	536				6.2	91° 10'	-10.9	-17.1			TP			
	534		195° 29' 34"	-1.6	9.5	88° 20'	-15.5	-6.0	108.7		BS	+518	+128	
	534				8.0	88° 30'	-14.0	-6.0		BS				
183	282		195° 54'	"	3.6	88° 30'	+7.4	+3.8		112.5		-213	-70	552,652 2,393,148
π	0				5.2	-		-5.2		103.5	π	0	0	552,925 2,393,218
184	47		1° 24'	-1.6	5.2	91° 30'	-1.2	-6.4		102.3		+47	±0	552,972 2,393,218
185	376		2° 32'	"	6.7	91° 30'	-9.8	-16.5		92.2		+376	+6	553,301 2,393,224

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE				
1-17-84		B. Cotcamp		W. Greenfield		6834		KWG		4	14				
AREA		TOPO MAP		STATE		COUNTY		TWP	RANGE	PPM	PARTY MANAGER				
FLORIDA		Pineetta - 7 1/2'		FLA.		MADISON					L.				
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS TP	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
									108.7						
TP	440		1° 41' 23"	-1.6	6.3	91° 30'	-11.5	-17.8		90.9	TP	+440	+1	553,365	2,393,219
TP	440				7.6	91° 20'	-10.2	-17.8			TP				
	369		171° 12' 13"	~ ~	5.0	-		+5.0	95.9		BS	+363	-67		
	369				+3.9	90° 10'	+1.1	+5.0			BS				
186	105		167° 00'	~ ~	7.2	-		-7.2		88.7		-102	+26	553,626	2,393,178
Σ	0				5.2	-		-5.2		90.7	Σ	0	0	553,728	2,393,152
187	225		346° 44'	-1.6	5.6	87° 20'	+10.5	+4.9		100.8		+217	-58	553,945	2,393,094
TP	372		345° 01' 28"	~ ~	11.1	86° 20'	+23.8	+12.7		108.6	TP	+356	-106	554,084	2,393,046
TP	372				12.2	86° 10'	+24.9	+12.7			TP				
	478		160° 27' 23"	-1.6	9.0	91° -	+8.3	+17.3	125.9		BS	+446	-172		
	478				+7.6	91° 10'	+9.7	+17.3			BS				
188	297		160° 03'	~ ~	6.1	90° 50'	-4.3	+10.4		136.3		-276	+109	554,254	2,392,983
Σ	0				5.2	-		-5.2		120.7	Σ	0	0	554,530	2,392,874
189	33		316° 00'	~ ~	4.0	90° 50'	-0.5	-4.5		121.4		+23	-24	554,553	2,392,850
190	361		307° 12' 53"	~ ~	4.0	90° 10'	-1.1	-5.1		120.8	TP	+210	-293	554,740	2,392,581
190	361				2.9	90° 20'	-2.1	-5.0			TP				
	389		113° 58' 56"	-1.6	12.9	84	+1.9	+14.8	135.6		BS	+148	-360		
	389				+14.8	-		+14.8		150.4	BS				
191	60		107° 09'	~ ~	4.7	91° 40'	-1.7	-6.4		129.2		-16	+58	554,872	2,392,279
Σ	0				5.2	-		-5.2		130.4	Σ	0	0	554,888	2,392,221

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE						
1-17-84		B. Cotcamp		W. Greenfield		6834		KWG C.J.		4	15						
AREA		TOPO MAP		STATE	COUNTY	TWP	RANGE	PPM	PARTY MANAGER								
FLORIDA		Pinetta - 7 1/2'		FLA.	Madison				L.O. Davis								
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS TP	NORTH + SOUTH -	EAST + WEST -	COORDINATES		REMARKS	
												LAT.	DEP.	Y	X		
									135.6								
192	269		284° 28' 18"	-1.6°	13.6	86° 30'	+16.4	+3.4		139.0	TP	+60	-262	554,948	2,391,959		
192	269				12.3	86° 40'	+15.6	+3.3			TP						
	304		69° 45' 16"	-	5.8	88° -	-10.6	-4.8	134.2		BS	-113	-282				
	304				4.9	88° 10'	-9.7	-4.8		129.4	BS						
π	0				5.2	-		-5.2		129.0	π	0	0	554,835	2,391,677		
193	28		280° 04'	-1.6°	5.6	-		-5.6		128.4		+4	-28	554,839	2,391,649		
194	355		261° 57' 33"	-	14.2	84	+1.8	-16.0		118.2	TP	-59	-350	554,776	2,391,327		
194	355				12.9	90° 30'	-3.1	-16.0			TP						
	518		67° 13' 55"	-1.6°	6.7	88° -	-18.1	-11.4	106.8		BS	-214	-472				
	518				5.2	88° 10'	-16.6	-11.4			BS						
195	190		67° 51'	-	5.1	88° 10'	+6.1	+1.0		109.8		+77	+174	554,639	2,391,029		
π	0				5.2	-		-5.2		101.6	π	0	0	554,562	2,390,855		
7/8	20		17° 16' 40"	-1.6°	4.5	-		-4.5		102.3		+19	+5	554,581	2,390,860	→ 554,585 x 2,390,815 y-inter. EL. 105.0	
7/8	38		288° 47' 21"	-	5.4	-		-5.4		101.4		+11	-36	554,573	2,390,819		
196	150		278° 49'	-	5.3	91° -	-2.6	-7.9		98.9		+19	-149	554,581	2,390,706		
197	479		273° 52' 32"	-1.3°	3.3	91° -	-8.4	-11.7		95.1	TP	+22	-478	554,584	2,390,377		
197	479				4.6	90° 50'	-7.0	11.6			TP						

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
1-18-84		B. Cotcamp		W. Greenfield		6834		KWG		4		16			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
FLORIDA		Pineapple - 7 1/2'		FLA.		MADISON								L.O. Davis	
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
									95.1						
	1319		90° 52' 41"	-1.3°	1.6	90° 30'	+11.5	+13.1	108.2		BS	-10	-1319		
	1319				1.5	269° 30'	+11.5	+13.0		BS					
198	990		90° 54'	-1.3°	8.1	84	-5.0	-13.1	95.1			+7	+990	554,581	2,390,048
199	660		" "	" "	8.7	84	-3.3	-12.0	110.2			+5	+660	554,579	2,389,718
200	330		" "	" "	9.0	-		-9.0	99.2			+2	+330	554,576	2,389,388
201	0				5.2	-		-5.2	103.0		TP	0	0	554,574	2,389,058
202	330		270° 39'	-1.3°	7.0	88° 50'	+6.7	-0.3	107.9			-4	-330	554,570	2,388,728
203	660		270° 03'	" "	6.0	88° 40'	+15.4	+9.4	117.6			-14	-660	554,560	2,388,398
204	990		269° 37' 43"	" "	4.5	88° 30'	+25.9	+21.4	129.6		TP	-29	-989	554,545	2,388,049
204	990				4.4	271° 30'	+25.9	+21.5		TP					
	1978		91° 13' 53"	-1.3°	6.4	89°	-34.5	-28.1	101.3		BS	-2	-1978		
	1978				6.0	271°	-34.5	-28.5		-28.3	BS				
205	1650		91° 14'	" "	8.7	88° 54'	+31.7	+23.0	124.3			+2	+1650	554,545	2,387,741
206	1320		" "	" "	7.4	88° 54'	+25.3	+17.9	119.2			+2	+1320	554,545	2,387,411
207	990		" "	" "	8.0	88° 54'	+19.0	+11.0	112.3			+1	+990	554,544	2,387,081
208	660		" "	" "	7.4	88° 50'	+13.4	+6.0	107.3			+1	+660	554,544	2,386,751
#	533		92° 08' 24"	" "	5.8	88° 50'	+10.9	+5.1	106.4		#	-8	+533	554,535	2,386,624
209	330		91° 14'	" "	8.1	88°	+11.5	+3.4	104.7			± 0	+330	554,543	2,386,421
210	0				5.2	-		-5.2	96.1		TP	0	0	554,543	2,386,091
211	330		270° 49'	-1.3°	9.1	90° 40'	-3.8	-12.9	88.4			-3	-330	554,540	2,385,761

1/2 9-554,545 x 2,386,625
4 way inter.

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE						
1-18-84		B. Cotcamp		W. Greenfield		6834		KWG CY		4	17						
AREA		TOPO MAP		STATE	COUNTY	TWP	RANGE	PPM	PARTY MANAGER								
FLORIDA		Pinetta - 7 1/2'		FLA.	MADISON				L. O. Davis								
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	NORTH + SOUTH -	EAST + WEST -	COORDINATES		REMARKS	
												LAT.	DEP.	Y	X		
									101.3								
212	660		276° 49'	-1.3°	4.9	90° 40'	+7.7	-12.6		88.7		-6	-660	554,537	2,385,431		
213	990		" "	" "	9.0	89° 50'	+2.9	-6.1		95.2		-8	-990	554,535	2,385,101		
214	1320		" "	" "	5.8	89° 50'	+3.8	-2.0		99.3		-11	-1320	554,532	2,384,771		
215	1650		270° 49'	-1.3°	10.4	89° 50'	+4.8	-5.6		95.7		-14	-1650	554,529	2,384,441		
216	1980		" "	" "	12.6	89° 50'	+5.8	-6.8		94.5		-17	-1980	554,526	2,384,111		
217	2310		" "	" "	8.0	-	-	-8.0		93.3		-19	-2310	554,524	2,383,781		
218	2640		" "	" "	5.1	-	-	-5.1		96.2		-22	-2640	554,521	2,383,451		
TP	2763		271° 35' 28"	" "	13.3	89° 48'	+9.6	-3.7		97.7	TP	+14	-2763	554,557	2,383,328		
TP	2763				13.6	270° 12'	+9.6	-3.4	2.65		TP						
	1251		179° 10' 01"	-1.3°	+14.3	90° 34'	+12.4	+26.7	124.3		BS	+1250	-47				
	1251				+14.0	269° 26'	+12.4	+26.4	126.3		BS						
219	1030		179° 44'	" "	11.8	90° 36'	-10.8	-22.6		101.7		-1030	+28	554,797	2,383,309		
220	700		179° 36'	" "	10.7	90° 10'	-2.0	-12.7		111.6		-700	+21	555,107	2,383,302		
221	370		177° 41'	" "	7.1	89° 40'	+2.2	-4.9		119.4		-369	+23	555,438	2,383,304		
222	44		206° 20'	" "	6.7	89° 40'	+0.3	-6.4		117.9		-40	-19	555,767	2,383,262		
π	0				5.2	-	-	-5.2		119.1	π	0	0	555,807	2,383,281		
223	347		271° 10'	-1.3°	8.3	90° 40'	-4.0	-12.3		112.0		-1	-347	555,806	2,382,934		
224	677		" "	" "	8.5	90° 40'	-7.9	-16.4		109.9		-2	-677	555,805	2,382,604		
225	1007		" "	" "	8.0	90° 40'	-11.7	-19.7		104.6		-2	-1007	555,805	2,382,274		
226	1337		" "	" "	12.3	90° 10'	-3.9	-16.2		108.1		-3	-1337	555,804	2,381,944		

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
1-18-84		B. Gotcamp		W. Greenfield		6834		KWG CJ		4		18			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
FLORIDA		Pinetta-7 1/2'		FLA.		MADISON								L. O. Davis	
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
									124.3						
227	1667		271° 10'	-1.3°	6.8	90° 10'	-4.9	-11.7		112.6		-4	-1667	555,803	2,381,614
228	1997		271° 14'	--	7.0	90° 10'	-5.8	-12.8		111.5		-2	-1997	555,805	2,381,284
229	2326		270° 59' 41"	--	7.8	90° 10'	-6.8	-14.6		109.8	TP	-12	-2326	555,795	2,380,956
229	2326				7.6	269° 50'	-6.8	-14.4	14.5'		TP		+		
	1319		91° 35' 10"	-1.3°	1.8	89° 10'	-19.2	-17.4	92.3		BS	+7	-1319		
	1319				+1.6	270° 50'	-19.2	-17.6	14.5'		BS		+		
230	990		91° 05'	--	7.2	89° -	+17.3	+10.1		102.4		+4	+990	555,806	2,380,628
231	660		" "	--	9.0	89° 20'	+7.7	-1.3		91.0		+3	+660	555,805	2,380,298
232	330		" "	--	9.9	89° 20'	+3.8	-6.1		86.2		+1	+330	555,803	2,379,968
233	0				3.5	-		-3.5		88.8	X	0	0	555,802	2,379,638
234	330		271° 09'	-1.3°	4.7	89° 20'	+3.8	-0.9		91.4		-1	-330	555,801	2,379,308
235	660		" "	--	8.3	89° 20'	+7.7	-0.6		91.7		-2	-660	555,802	2,378,978
-236	990		" "	--	9.7	89° 20'	+11.5	+1.8		94.1		-3	-990	555,799	2,378,648
237	1319		271° 13' 46"	--	10.9	89° 50'	+3.8	-7.1		85.3	TP	-2	-1319	555,800	2,378,320
237	1319				107	270° 10'	+3.8	-6.9	7.0'		TP		+		
	1979		91° 03' 18"	-1.3°	9.3	04	+9.9	+19.2	104.3		BS	-8	-1979		
	1979				+9.0	04 270°	+9.9	+18.9	19.05		BS		+		
238	1650		91° -	--	10.8	04	-8.3	-19.1		85.2		+9	+1650	555,801	2,377,992
239	1456		91° 25' 23"	--	5.8	04	-7.3	-13.1		91.2	2/4	-3	+1456	555,789	2,377,798
239	1320		91° 00'	--	12.4	-		-12.4		91.9		+7	+1320	555,799	2,377,662

HS-555,810 X-2,377,800
4 way inter. CL 90.0

SURVEY NOTES-HIGH RESOLUTION DATA
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Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
1-18-84		B. Cotcamp		W. Greenfield		6834		KWB		4		19			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
FLORIDA		Pivetta -7 1/2'		FLA.		MADISON								L.O. Davis	
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
									104.3						
240	990		91° 00'	-1.3°	8.3	-	-8.3		96.0	+5	+990	555,797	2,377,332		
241	660		" "	" "	7.0	-	-7.0		97.3	+3	+660	555,795	2,377,002		
242	330		" "	" "	4.9	TH	+1.7	-3.2	101.1	+2	+330	555,794	2,376,672		
243	0				-5.2	-	-5.2		99.1	X	0	555,792	2,376,342		
244	330		271° 11'	-1.3°	11.0	-	-11.0		93.3	-1	-330	555,791	2,376,012		
245	660		" "	" "	13.0	BH	-3.3	-16.3	88.0	-1	-660	555,791	2,375,682		
246	990		" "	" "	11.2	BH	-5.0	-16.2	88.1	-2	-990	555,790	2,375,352		
247	1320		" "	" "	9.8	BH	-6.6	-16.4	87.9	-3	-1320	555,789	2,375,022		
248	1650		" "	" "	8.7	BH	-8.3	-17.0	87.3	-3	-1650	555,789	2,374,692		
249	1980		271° 11'	-1.3°	6.8	BH	-9.9	-16.7	87.6	-4	-1980	555,788	2,374,362		
250	2310		" "	" "	5.8	BH	-11.6	-17.4	86.9	-5	-2310	555,787	2,374,032		
251	2640		" "	" "	9.0	90° 10'	-7.7	-16.7	87.6	-5	-2640	555,787	2,373,702		
252	2970		" "	" "	7.7	90° 10'	-8.6	-16.3	88.0	-6	-2970	555,786	2,373,372		
253	3300		" "	" "	6.2	90° 10'	-9.6	-15.8	88.5	-7	-3300	555,785	2,373,042		
TP	3479		271° 08' 18"	" "	3.9	90° 10'	-10.1	-14.0	90.5	TP	-10	-3479	555,782	2,372,864	
TP	3479				3.5	269° 50'	-10.1	-13.6	13.8	TP					
	493		132° 12' 39"	-1.3°	9.3	-	+9.3			BS	+323	-373			
	493				7.8	90° 10'	+1.4	+9.2	99.7	BS					
254	330		132° 00'	" "	7.0	-	-7.0		92.7	-215	+250	555,890	2,372,742		
255	0				5.2	-	-5.2		94.5	X	0	556,105	2,372,492		

SURVEY NOTES-HIGH RESOLUTION DATA
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Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
1.18.84		B. Cotcamp		W. Greenfield		6834		KUG C.J.		4		20			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
FLORIDA		Pinetta - 7 1/2		FLORIDA		MADISON								L.O. Davis	
STATION NO.	SLOPE DISTANCE	PLOT DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
									99.7						
256	330		296° 28' 10"	-1.3°	5.1	-		-5.1		94.6	TP	+140	-299	556,245	2,372,194
256	330				6.1	89° 50'	+1.0	-5.1			TP		+		
	873		61° 20' 47"	-1.3°	1.7	-		+1.7	96.2		BS	-436	-756		
	873				1.5	270°		+1.5	91.63		BS		+		
1/2	846		59° 14' 06"	-1.3°	2.1	-		-2.1		94.1	1/2	+449	+717	556,258	2,372,156
257	567		59° 07'	-1.3°	8.1	89° 30'	+4.9	-3.2		93.0		+302	+480	556,111	2,371,919
258	237		59° 60' 12"	-1.3°	5.8	89° 30'	+2.1	-3.7		92.5		+122	+203	555,931	2,371,642
X	0				5.2	-		-5.2		91.0	X	0	0	555,809	2,371,439
259	90		275° 18'	-1.3°	5.1	89° 30'	+0.8	-4.3		91.9		+6	-90	555,815	2,371,349
260	420		270° 49'	-1.3°	7.8	89° 30'	+3.7	-4.1		92.1		-4	-420	555,805	2,371,019
261	750		" "	-1.3°	6.9	89° 30'	+6.5	-0.4		95.8		-6	-750	555,803	2,370,689
262	1080		" "	-1.3°	11.0	89° 30'	+9.4	-1.6		94.6		-9	-1080	555,800	2,370,359
263	1410		" "	-1.3°	8.7	89° 50'	+4.1	-4.6		91.6		-12	-1410	555,797	2,370,029
TP	1426		270° 35' 22"	-1.6°	8.9	89° 50'	+4.1	-4.8		91.5	TP	-25	-1426	555,784	2,370,014
TP	1426				8.7	270° 10'	+4.1	-4.6	4.73		TP		+		
	389		138° 27' 58"	-1.6°	9.8	74°	-1.9	+7.9	99.4		BS	+284	-266		
	389				9.0	89° 50'	-1.1	+7.9		107.3	BS		+		
264	83		135° 14'	-1.6°	5.9	89° 50'	+0.2	-5.7		93.7		-57	+60	556,011	2,369,809
X	0				5.2	-		-5.2		94.2	X	0	0	556,068	2,369,749
265	237		290° 41'	-1.6°	6.5	89° 50'	+0.7	-5.8		93.6		+77	-224	556,145	2,369,525

y=556,275x-2,372,158
y-inter. EL. 95.0

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
1.18.84		B. Cotcamp		W. Greenfield		6834		KWB		4		21			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
FLORIDA		Pinetta - 7 1/2'		FLA.		MADISON								L. O. Davis	
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
									99.4						
266	565		285° 34'	-1.6°	10.2	TH	+2.8	-7.4		92.0		+136	-548	556,204	2,369,201
267	895		285° 16'	"	6.0	-		-6.0		93.4		+211	-870	556,279	2,368,879
TP	990		285° 24 22"	"	5.5	-		-5.5		94.0	TP	+236	-961	556,304	2,368,789
TP	990				5.3	-		-5.3	5.43		TP		"		
	1874		117° 03' 03"	-1.6°	14.6	89° 40'	-10.9	+3.7	97.7		BS	+805	-1692		
	1874				14.5	270° 20'	-10.9	+3.6			BS		"		
IK	1984		116° 43' 17"	"	6.7	89° 56'	+2.3	-4.4		93.3	IK	-842	+1796	556,267	2,368,894
268	1318 1645		114° 56'	"	7.5	89° 56'	+1.9	-5.6		92.1		-652	+1510	556,457	2,368,608
269	1318		113° 11'	"	11.0	89° 40'	+7.7	-3.3		94.4		-487	+1225	556,622	2,368,323
270	990		113° 04'	"	9.7	89° 40'	+5.8	-3.9		93.8		-362	+921	556,747	2,368,019
271	660		112° 34'	"	6.0	89° 40'	+3.8	2.2		95.5		-236	+616	556,873	2,367,714
272	330		110° 53'	"	5.6	89° 30'	+2.9	-2.7		95.0		-109	+311	557,000	2,367,409
273	0				5.2	-		-5.2		92.5	X	0	0	557,109	2,367,098
274	330		271° 18'	-1.6°	5.1	89° 30'	+2.9	-2.2		95.5		-2	-330	557,107	2,366,768
275	654		275° 04'	"	6.1	89° 30'	+5.7	-0.4		97.3		+40	-653	557,149	2,366,445
276	900		291° 21'	"	5.4	89° 30'	+7.9	+2.5		100.2		+304	-847	557,413	2,366,251
TP	1028		298° 23' 37"	"	8.7	89° 30'	+9.0	+0.3		98.1	TP	+463	-918	557,572	2,366,181
TP	1028				8.5	270° 30'	+9.0	+0.5	10.43		TP		"		
	693		161° 56' 18"	-1.6°	5.4	-		+5.4	103.5		BS	+653	-233		
	693				8.9	TH	-3.5	+5.4			BS		"		

S-556,215 x - 2,368,700
S-intersect EL. 95.0

SURVEY NOTES-HIGH RESOLUTION DATA

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Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
1-19-84		B. Gtcamp		W. Greenfield		6834		BWC CJY		4		22			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
FLORIDA		Pinetta - 7 1/2'		FLA.		MADISON								L.O. Davis	
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
									103.5						
277	539		160° 14'	-1.6°	8.1	-		-8.1		95.4		-502	+196	557,723	2,366,145
278	209		158° 32'	"	9.1	-		-9.1		94.4		-192	+82	558,033	2,366,031
π	0			"	5.2	-		-5.2		98.3	π	0	0	558,225	2,365,949
279	119		311° 15'	"	5.0	-		-5.0		98.5		+76	-92	558,301	2,365,857
7)	366		307° 39' 15"	"	5.1	-		-5.1		98.4	7)	+215	-296	558,440	2,365,653 y-558,400 x-2,365,650 y-intersect
280	449		308° 49'	"	6.2	-		-6.2		97.3		+272	-358	558,497	2,365,591
281	776		307° 45'	"	7.6	-		-7.6		95.9		+458	-627	558,683	2,365,322
TP	851		304° 47' 04"	"	8.1	-		-8.1		95.4	TP	+466	-712	558,691	2,365,238
TP	851				10.5	89° 50'	+2.5	-8.0			TP		"		
	244		108° 23' 47"	-1.6°	5.6	-		+5.6	101.0		BS	+71	-234		
	244				6.8	TH	-1.2	+5.6			BS		"		
282	0				5.2	-		-5.2		95.8	π	0	0	558,762	2,365,005
283	324		319° 47'	-1.6°	6.1	89° 20'	+3.8	-2.3		98.7		+241	-216	559,003	2,364,789
284	650		317° 02' 23"	"	11.7	89° 10'	+9.5	-2.2			TP	+463	-456	559,225	2,364,550
284	650				13.6	89° -	+11.3	-2.3		98.7	TP		"		
	302		166° 00' 06"	"	8.0	89° 10'	-4.4	+3.6	102.3		BS	+291	-81		
	302				7.1	89° 20'	-3.5	+3.6			BS		"		
π	29		126° 19' 57"	"	4.9	89° -	+0.5	-4.4		97.9	π	-17	+24	559,499	2,364,499 y=559,455 πT-intersect x=2,364,505
285	0				5.2	-		-5.2		97.1	π	0	0	559,516	2,364,470
286	330		299° 58'	"	7.9	90° 40'	-3.8	-11.7		90.6		+157	-290	559,673	2,364,180

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO		PAGE			
1-19-84		B. Cotcamp		W. Greenfield		6834		HWG CJ		4		23			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
FLORIDA		Pine Hg - 7 1/2'		FLA.		MADISON								L.O. Davis	
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
									102.3						
TP	532		295° 40' 49"	-1.6°	5.7	90° 40'	-6.2	-11.9		90.4	TP	+217	-486	559,733	2,363,985
TP	532				5.7	269° 20'	-6.2	-11.9			TP		+		
	1980		91° 05' 55"	" "	11.6	-		+11.6	101.8		BS	-17	-1980		
	1980				11.3	-		+11.3	111.3		BS		+		
287	1858		90° 44'	-1.6°	10.0	-		-10.0		91.8		+28	+1858	559,744	2,363,864
288	1528		" "	" "	7.4	-		-7.4		94.4		+23	+1528	559,739	2,363,534
289	1198		" "	" "	10.6	TH	+6.0	-4.6		97.2		+18	+1198	559,734	2,363,204
290	868		" "	" "	9.0	TH	+4.3	-4.7		97.1		+13	+868	559,729	2,362,874
291	538		" "	" "	5.0	-		-5.0		96.8		+8	+538	559,724	2,362,544
292	208		" "	" "	6.3	-		-6.3		95.5		+3	+208	559,719	2,362,214
X	0				5.2	-		-5.2		96.6	X	0	0	559,716	2,362,006
293	121		274° 39'	-1.6°	5.1	TH	+0.6	-4.5		97.3		+6	-121	559,722	2,361,885
294	439		283° 29'	" "	5.8	-		-5.8		96.0		+90	-430	559,806	2,361,576
295	719		300° 24'	" "	12.1	89° 30'	+6.3	-5.8		96.0		+346	-630	560,062	2,361,376
296	986		313° 19'	" "	6.8	89° 50'	+2.9	-3.9		97.9		+656	-736	560,372	2,361,270
297	1302		318° 18'	" "	6.8	89° 50'	+3.8	-3.0		98.8		+948	-893	560,664	2,361,113
TP	1435		318° 46' 36" 48"	-1.7°	8.5	89° 50'	+4.2	-4.3		97.5	TP	+1048	-980	560,764	2,361,027
TP	1435				8.4	276° 10'	+4.2	-4.2			TP		+		
	316		151° 58' 41"	" "	5.1	-		+5.1	102.6		BS	+274	-157		
	316				3.5	BU	+1.6	+5.1			BS		+		

SURVEY NOTES-HIGH RESOLUTION DATA

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DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
1-19-84		B. Cotcamp		W. Greenfield		6834		KDE CY		4		24			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
FLORIDA		P. Mettq -7 1/2'		FLA.		MADISON								L.O. Davis	
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
									102.6						
298	121		141° 08'	-1.7°	6.8	89° 20'	+1.4	-5.4		97.2		-92	+79	560,946	2,360,950
π	0				5.2	-		-5.2		97.4	π	0	0	561,038	2,360,871
299	216		271° 16'	" "	5.1	-		-5.1		97.5		-2	-216	561,036	2,360,655
300	546		" "	" "	7.2	TH	+2.7	-4.5		98.1		-4	-546	561,034	2,360,325
301	876		271° 16' 01"	" "	5.0	-		-5.0		97.6	TP	-7	-876	561,031	2,359,996
301	876				7.5	89° 50'	+2.5	-5.0			TP		"		
	1981		91° 21' 22"	-1.7°	7.1	-		+7.1	104.5		BS	-8	-1981		
	1981				6.8	270°		+6.8	104.93		BS		"		
302	1650		91° 33'	" "	6.8	-		-6.8		97.7		+4	+1650	561,027	2,359,666
303	1320		" "	" "	7.7	-		-7.7		96.8		+3	+1320	561,026	2,359,336
304	990		" "	" "	9.5	-		-9.5		95.0		+3	+990	561,026	2,359,006
305	660		" "	" "	7.8	TH	+3.3	-4.5		100.0		+2	+660	561,025	2,358,676
306	330		" "	" "	5.8	TH	+1.7	-4.2		100.3		+1	+330	561,024	2,358,346
307	0				5.2	-		-5.2		99.3	π	0	0	561,023	2,358,016
π	62		272° 12' 32"	-1.7°	3.4	-		-3.4		101.1	π	+1	-62	561,024	2,357,954
308	328		273° 22'	" "	5.7	-		-5.7		98.8		+10	-328	561,033	2,357,688
309	657		272° 25'	" "	5.8	-		-5.8		98.7		+8	-657	561,031	2,357,359
310	986		271° 37'	" "	5.7	-		-5.7		98.8		-1	-986	561,022	2,357,030
311	1316		271° 30'	" "	10.6	TH	+6.6	-4.0		100.5		-5	-1316	561,018	2,356,700
π	1538		271° 23' 56"	" "	5.4	TH	+7.7	+2.3		106.8	π	-4	-1515	561,019	2,356,501

43-561,005 X-2,357,990
π 4 way inter. EL. 101.0

4-561,010 X-2,356,500
π T-inter.

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DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE							
1-19-84		B. Cotcamp		W. Greenfield		6834		KWB C.S.		4		25							
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER					
FLORIDA		Pinetta - 7 1/2'		FLA		MADISON								L.O. Davis					
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	NORTH + SOUTH -		EAST + WEST -		COORDINATES		REMARKS	
												LAT.	DEP.	Y	X				
									104.5										
TP	1515		271° 33' 58"	-1.7°	6.3	TH	+7.6	+1.3		105.8	TP	-4	-1515	561,619	2,356,502				
TP	1515				6.2	TH	+7.6	+1.4			TP		"						
	1311		180° 21' 30"	"	+5.1	-		+5.1			BS	+1311	-28						
	1311				+5.0	210°		+5.0	110.8		BS		"						
312	1163		180° 45'	-1.7°	7.3	-		-7.3		103.5		-1163	+19	561,167	2,356,494				
313	833		" "	" "	10.0	-		-10.0		100.8		-833	+14	561,497	2,356,489				
314	503		" "	" "	8.2	-		-8.2		102.6		-503	+8	561,827	2,356,483				
315	193		" "	" "	6.0	-		-6.0		104.8		-173	+3	562,157	2,356,478				
X	0				5.2	-		-5.2		105.6	X	0	0	562,330	2,356,475				
IL	18		271° 20' 04"	-1.7°	4.5	-		-4.5		106.3	IL	±0	-18	562,330	2,356,457	IL - 562,315 X - 2,356,490 T-Inter.			
316	149		271° 36'	" "	5.6	TH	+0.7	-4.9		105.9		-0	-149	562,330	2,356,326				
317	479		" "	" "	5.2	TH	+2.4	-2.8		108.0		-1	-479	562,329	2,355,996				
318	809		" "	" "	6.9	TH	+4.0	-2.9		107.9		-1	-809	562,329	2,355,666				
318	1139		" "	" "	7.3	89° 30'	+9.9	+2.6		113.4		-2	-1139	562,320	2,355,336				
320	1469		271° 38' 06"	-1.4°	5.5	89° 30'	+12.8	+7.3		118.1	TP	+6	-1469	562,336	2,355,007				
320	1469				5.4	270° 30'	+12.8	+7.4			TP		"						
	2671		91° 17' 08"		+2.8	90° 02'	+1.6	+4.4			BS	-5	-2671						
	2671				+2.7	269° 58'	+1.6	+4.3	122.4		BS		"						
321	2341		91° 17'	-1.4°	7.7	-		-7.7		114.7		+5	+2341	562,336	2,354,678				
322	2011		" "	" "	6.4	-		-6.4		116.0		+4	+2011	562,335	2,354,348	Pinetta - 7 1/2' ↑			

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DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE				
1-19-84		B. Cotcamp		W. Greenfield		6824		KWG		4		26				
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER		
FLORIDA		Cherry Lake - 7 1/2		FLA.		MADISON								L. O. Davis		
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	COORDINATES		REMARKS		
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y	X
									122.4							
323	1681		91° 17'	-1.4°	9.7	-		-9.7		112.7		+3	+1681	562,334	2,354,018	Cherry Lake - 7 1/2
324	1351		90° 59'	"	12.6	-		-12.6		109.8		+10	+1351	562,341	2,353,688	
325	1021		" "	"	8.1	BH	-5.1	-13.2		109.2		+7	+1021	562,338	2,353,358	
326	691		90° 55'	"	8.9	BH	-3.5	-12.4		110.0		+6	+691	562,337	2,353,028	
327	361		90° 36'	"	10.7	-		-10.7		111.7		+5	+361	562,336	2,352,698	
328	33		71° 01'	"	5.5	-		-5.5		116.9		+11	+31	562,342	2,352,368	
TP	0				5.2	-		-5.2		117.2	TP	0	0	562,331	2,352,337	
329	299		271° 50'	-1.4°	5.6	TM	+1.5	-4.1		118.3		+2	-299	562,333	2,352,038	
330	627		276° 11'	"	11.3	BH	-3.1	-14.4		108.0		-13	-627	562,318	2,351,710	
331	957		" "	"	10.9	90° 40'	-11.1	-22.0		100.4		-20	-957	562,311	2,351,380	
332	1287		" "	"	12.0	90° 40'	-15.0	-27.0		95.4		-27	-1287	562,304	2,351,050	
333	1617		" "	"	10.7	90° 40'	-18.8	-29.5		92.9		-34	-1617	562,297	2,350,720	
334	1947		" "	"	8.8	90° 30'	-17.0	-25.8		96.8		-41	-1947	562,290	2,350,390	
335	2277		" "	"	6.3	90° 26'	-22.5	-28.8		93.6		-48	-2276	562,283	2,350,061	
TP	2374		270° 02' 01"	-1.4°	2.2	90° 30'	-20.7	-22.9		99.5	TP	-57	-2373	562,274	2,349,765	
TP	2374				2.1	269° 30'	-20.7	-22.8			TP		"			
	1020		92° 14' 46"	"	6.1	91° 20'	+23.7	+29.8			BS	+15	-1020			
	1020				6.0	268° 40'	+23.7	+29.7	129.2		BS		"			
336	786		91° 14'	"	9.0	91° 30'	-20.6	-29.6		99.6		+2	+786	562,291	2,349,732	
337	456		" "	"	10.4	91° 40'	-13.3	-23.7		105.5		+1	+456	562,290	2,349,402	

SURVEY NOTES-HIGH RESOLUTION DATA

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DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
1-19-84		B. Cotcamp		W. Greenfield		6834		KUG		4		27			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
FLORIDA		CHERRY LAKE - 1/2'		FLA.		MADISON								L. O. Davis	
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	COORDINATES		REMARKS	
												NORTH + SOUTH -	EAST + WEST -		Y
									129.2						
338	126		91° 14'	-1.4°	7.6	91° 40'	-3.7	-11.3		117.9		± 0	+126	562,289	2,349,072
X	0				5.2	-		-5.2		124.0	X	0	0	562,289	2,348,946
339	193		4° 55'	"	5.7	87° 50'	+7.3	+1.6		130.8		+193	+12	562,482	2,348,958
340	523		8° 17'	"	6.9	88° 40'	+12.2	+5.3		134.5		+519	+63	562,808	2,349,009
#1	743		8° 05' 48"	"	12.4	88° 40'	+17.3	+4.9		134.1	#1	+738	+87	563,027	2,349,033
341	760		358° 20'	"	10.0	88° 20'	+22.1	+12.1		141.3		+759	-41	563,048	2,348,905
TP	793		351° 16' 30"	"	13.6	88° -	+27.7	+14.1		143.3	TP	+780	-139	563,069	2,348,808
TP	793				12.3	88° 10'	+25.4	+14.1			TP		+		
	400		108° 21' 55"	-1.4°	9.7	88° 20'	-11.6	-1.9	141.4		BS	+117	-382		
	400			+	8.6	88° 30'	-10.5	-1.9			BS		+		
342	193		111° 51'	"	7.1	87° 20'	+9.0	-1.9		139.5		-67	+181	563,119	2,348,608
X	0				5.2	-		-5.2		136.2	X	0	0	563,186	2,348,427
343	137		295° 00'	-1.4°	5.3	92° -	-4.8	-10.1		131.3		+55	-126	563,241	2,348,301
344	467		293° 56'	"	8.7	92° -	-16.3	-25.0		116.4		+179	-431	563,365	2,347,996
345	797		" "	"	6.2	92° -	-27.8	-34.0		107.4		+305	-736	563,491	2,347,691
346	1127		" "	"	6.7	91° 30'	-29.5	-36.2		105.2		+432	-1041	563,618	2,347,386
347	1452		292° 29' 46"	"	8.4	90° 50'	-21.1	-29.5		111.9	TP	+523	-1355	563,709	2,347,073
347	1452				8.5	269° 10'	-21.1	-29.6			TP		+		
	1383		88° 46' 46"	-1.4°	6.3	-		+6.3	118.2		BS	-63	-1382		
	1383			+	6.3	270° -		+6.3			BS		+		

g. 563,060 x 2,349,040
T-Inter.

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE			
1.20 .84		B. Cotcamp		W. Greenfield		6834		RUG		4	29			
AREA		TOPO MAP		STATE	COUNTY		TWP	RANGE	PPM	PARTY MANAGER				
FLORIDA		CHERRY LAKE 7 1/2		FLA.	MADISON					L.O. Davis				
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	COORDINATES		REMARKS
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.	
										127.8				
	405		79° 32' 35"	-1.4+	7.5	-		+7.5	135.3		BS	-83	-396	
	405			+	6.3	90° 10'	+1.2	+7.5		BS				
360	238		74° 18'	"	6.9	89° 20'	+2.8	-4.1		131.2		+70	+227	565,526 2,343,860
T	0				5.2	-		-5.2		130.1	T	0	0	565,456 2,343,633
361	92		251° 20'	-1.4°	6.4	89° 20'	+1.1	-5.3		130.0		-32	-86	565,424 2,343,547
362	422		" "	"	6.2	89° -	+7.4	+1.2		136.5		-145	-396	565,311 2,343,237
363	750		248° 55' 49"	"	3.3	88° 50'	+15.3	+12.0		147.3	TP	-287	-693	565,169 2,342,940
363	750				3.4	271° 10'	+15.3	+11.9			TP			
	1502		96° 01' 14"	-1.4°+	7.5	88° 50'	-30.6	-23.1	124.3		BS	-36	-1501	
	1502			+	7.7	271° 10'	-30.6	-22.9			-23.0	BS		
364	1171		90° 24'	"	9.3	89° -	+20.4	+11.1		135.4		+20	+1171	565,153 2,342,610
365	841		" "	"	9.8	89° -	+14.7	+4.9		129.2		+15	+841	565,148 2,342,280
366	511		89° 41'	"	6.2	89° -	+8.9	+2.7		127.		+15	+511	565,148 2,341,950
367	181		87° 02'	"	7.0	87° 10'	+8.9	+1.9		126.2		+14	+180	565,147 2,341,619
T	0				5.2	-		-5.2		119.1	T	0	0	565,133 2,341,439
368	148		262° 20'	-1.4°	7.9	90° 10'	-0.4	-8.3		116.0		-23	-146	565,110 2,341,293
369	460		277° 35'	"	6.0	90° 10'	-1.3	-7.3		117.0		+50	-457	565,183 2,340,982
370	777		286° 18'	"	6.0	89° 50'	+2.3	-3.7		120.6		+200	-751	565,333 2,340,688
371	1114		288° 44' 43"	"	3.4	89° 40'	+6.5	+3.1			TP	+332	-1063	565,465 2,340,376 FLAG HAD BEEN MOVED
371	1114				3.5	270° 20'	+6.5	+3.0			TP			

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE							
1.20.84		B. Lotcamp		W. Greenfield		6834		KWB		4		30							
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER					
FLORIDA		CHERRY LAKE-1/2		FLA.		MADISON								L.O. Davis					
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	NORTH + SOUTH -		EAST + WEST -		COORDINATES		REMARKS	
												LAT.	DEP.	Y	X				
										127.3									
	973		74° 40' 13"	-1.4°	0.7	TH	-4.9	-4.2	123.1		BS	-280	-932						
	973			+	0.7	TH 270-	-4.9	-4.2			BS								
372	660		74° 40'	~	7.2	-		-7.2		115.9		+190	+632	565,375	2,340,076				
373	330		" "	~	11.0	-		-11.0		112.1		+95	+316	565,280	2,339,760				
374	0				5.2	-		-5.2		117.9	X	0	0	565,185	2,339,444				
375	330		256° 02'	-1.4°	3.4	TH	+1.7	-1.8		121.3		-87	-318	565,098	2,339,126				
376	660		" "	~	5.7	-		-5.7		117.4		-175	-636	565,010	2,338,808				
377	990		" "	~	9.2	-		-9.2		113.9		-262	-955	565,923	2,338,489				
378	1320		" "	~	13.0	-		-13.0		110.1		-350	-1273	565,835	2,338,171				
TP	1394		255° 54' 35"	~	11.8	-		-11.8			TP	-372	-1343	564,813	2,338,101				564,855 x - 2,338,110 TGT-Inter. EL 112.0
TP	1394				11.7	270-		-11.7		111.4	TP								
	1407		357° 18' 23"	-1.4°	8.1	-		+8.1	119.4		BS	-1463	+100						
	1407			+	7.9	270-		+7.9	+8.0		BS								
379	1157		356° 45'	~	7.0	-		-7.0		112.4		+1153	-94	564,563	2,338,107				
380	827		" "	~	10.7	TH	+4.1	-6.6		112.8		+824	-67	564,234	2,338,134				
381	497		" "	~	7.5	-		-7.5		111.9		+495	-40	563,905	2,338,161				
382	167		" "	~	5.3	-		-5.3		114.1		+166	-14	563,576	2,338,187				
X	0				5.2	-		-5.2		114.2	X	0	0	563,410	2,338,201				
383	162		177° 07'	-1.4°	3.8	-		-3.8		115.6		-162	+12	563,248	2,338,213				
H	213		172° 48' 43"	~	3.3	-		-3.3		116.1	H	-211	+32	563,199	2,338,233				

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
1-23-84		B. Catcamp		W. Greenfield		6834		KWG		4		32			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
FLORIDA		CHERRY LAKE - 7 1/2		FLA.		MADISON								L.O. Davis	
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
										148.7					
	574		89° 41' 50"	-1.7°	8.1	86° -	-40.0	-31.9	116.8		BS	-20	-572		
	574				+8.1	274° -	-40.0	-31.9			BS				
398	245		87° 23'	-1.7°	6.7	85° -	+21.4	+14.7		131.5		+18	+244	562,154	2,333,597
X	0				5.2	-		-5.2		111.6	X	0	0	562,136	2,333,353
399	70		226° 14'	--	5.9	90° 30'	-0.6	-6.5		110.3		-50	-49	562,086	2,333,304
400	392		213° 41' 39"	--	6.1	90° 40'	-4.6	-10.7			TP	-332	-208	561,804	2,333,145
400	392				7.2	90° 30'	-3.4	-10.6		106.2	TP				
	443		56° 27' 37"	-1.7°	4.8	-		+4.8	111.0		BS	-292	-333		
	443				+7.0	TH	-2.2	+4.8			BS				
401	114		48° 45'	--	5.3	-		-5.3		105.7		+78	+83	561,590	2,332,895
X	0				5.2	-		-5.2		105.8	X	0	0	561,512	2,332,812
402	213		265° 41'	-1.7°	4.9	-		-4.9		106.1		-22	-212	561,490	2,332,600
TP	475		266° 47' 40"	--	3.6	TH	+2.4	-1.2		109.8	TP	-41	-473	561,471	2,332,339
TP	475				1.2	-		-1.2			TP				
	590		16° 42' 17"	-1.7°	6.1	TH	-3.0	+3.1	113.0		BS	-570	-153		
	590				+8.3	89° 30'	-5.1	+3.2			BS				
403	529		15° 23'	--	5.9	89° 30'	+4.6	-1.3		111.7		+514	+125	561,415	2,332,311
404	199		16° 23'	--	6.2	88° 20'	+5.8	-0.4		112.6		+193	+50	561,094	2,332,236
X	0				5.2	-		-5.2		107.8	X	0	0	560,901	2,332,186
405?	131		219° 55'	-1.7°	6.8	-		-6.8		106.2		-103	-81	560,798	2,332,105

SURVEY NOTES-HIGH RESOLUTION DATA

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Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
1.23.84		B. Cotcamp		W. Greenfield		6834		C.J. B.C.		4		33			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
FLORIDA		CHERRY LAKE - 7 1/2		FLA.		MADISON								L. O. Davis	
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
									113.0						
406	458		224° 43' 33"	-1.7°	6.4	-	-6.4		106.6	TP	-335	-313	560,566	2,331,873	
406	458				4.1	BM	-2.3	-6.4		TP					
	478		20° 58' 23"	~ +	10.3	-	+10.3	116.9		BS	-451	-158			
	478				+8.9	90° 10'	+1.4	+10.3		BS					
407	152		17° 56'	~	7.8	87° 50'	+0.4	-7.4	109.5		+146	+42	560,261	2,331,757	
	0				5.2	-	-5.2		111.7	T	0	0	560,115	2,331,715	
408	178		215° 10'	-1.7°	5.2	89° 10'	+2.6	-2.6	114.3		-148	-98	559,967	2,331,617	
TP	260		215° 40' 12"	~	5.3	89° 10'	+3.8	-1.5	115.4	TP	-216	-145	559,899	2,331,570	
TP	260				4.5	89° 20'	+3.0	-1.5		TP					
	493		63° 24' 17"	~ +	3.2	91°	+8.6	+11.8	127.2	BS	-234	-434			
	493				+4.6	90° 50'	+7.2	+11.8		BS					
409	243		61° 00'	~	6.8	90° 20'	-1.4	-8.2	119.0		+124	+209	559,789	2,331,345	
	0				5.2	-	-5.2		122.0	T	0	0	559,665	2,331,136	
410	82		226° 18'	-1.7°	5.0	89° 50'	+0.2	-4.8	122.4		-58	-58	559,607	2,331,078	
TP	390		223° 53' 42"	~	4.8	89° 50'	+1.1	-3.7	123.5	TP	-289	-262	559,376	2,330,874	
TP	390				6.0	89° 40'	+2.3	-3.7		TP					
	454		136° 11' 37"	~ +	10.7	-	+10.7	134.2		BS	+318	-324			
	454				+9.4	90° 10'	+1.3	+10.7		BS					
411	402		136° 31'	~	5.0	90° 50'	-5.8	-10.8	123.4		-283	+285	559,411	2,330,835	
412	76		123° 44'	~	6.4	89° 30'	+0.7	-5.7	128.5		-40	+64	559,654	2,330,614	

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
1-23-84		B. Cotcamp		W. Greenfield		6834		C.Y.		B.C.		4 34			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
FLORIDA		CHERRY LAKE - 7 1/2		FLA.		MADISON								L.O. Davis	
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
									134.2						
π	0			-1.7°	5.2	-		-5.2		129.0	π	0	0	559,694	2,330,550
413	252		279° 01'	--	6.2	89° 30'	+2.2	-4.0		130.2		+32	-250	559,726	2,330,300
TP	454		279° 24' 54"	--	5.2	89° 50'	+1.3	-3.9		130.3	TP	+61	-450	559,755	2,330,100
TP	454				3.9	-		-3.9			TP				
	580		140° 51' 28"	-1.7°	7.0	89° -	-10.1	-3.1	127.2		BS	+439	-379		
	580				8.7	88° 50'	-11.8	-3.1			BS				
414	443		138° 05'	--	6.7	88° 40'	+10.3	+3.6		130.0		-321	+306	559,873	2,330,027
415	118		130° 23'	--	6.2	87° 40'	+4.8	-1.4		125.8		-74	+92	560,120	2,329,813
π	0				5.2	-		-5.2		122.0	π	0	0	560,194	2,329,721
416	202		247° 45'	-1.7°	6.4	90° 30'	-1.8	-8.2		119.0		-82	-185	560,112	2,329,536
TP	404		245° 27' 48"	--	5.3	90° 30'	-3.5	-8.8		118.4	TP	-179	-362	560,015	2,329,359
TP	404				6.5	90° 20'	-2.4	-8.9			TP				
	295		105° 16' 52"	-1.7°	4.5	88° -	-10.3	-5.8			BS	+69	-287		
	295				3.7	88° 10'	-9.4	-5.7	112.7		BS				
417	175		99° 37'	--	4.9	88° 10'	+5.6	+0.7		113.4		-24	+173	560,060	2,329,245
π	0				5.2	-		-5.2		107.5	π	0	0	560,084	2,329,072
418	149		255° 24'	--	6.0	89° 40'	+0.9	-5.1		107.6		-42	-143	560,042	2,328,929
419	471		258° 04' 14"	--	4.7	89° 40'	+2.7	-2.0		110.7	TP	-111	-458	559,973	2,328,614
419	471				6.1	89° 30'	+4.1	-2.0			TP				

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE			
1-23-84		B. Cotcamp		W. Greenfield		6834		KWG C.J.		4	35			
AREA		TOPO MAP		STATE	COUNTY		TWP	RANGE	PPM	PARTY MANAGER				
FLORIDA		CHERRY LAKE - 7 1/2'		FLA.	MADISON					L.O. Davis				
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	COORDINATES		REMARKS
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.	
										110.7				
	860		62° 14' 43"	-1.7	+4.4	89° 20'	-10.0	-5.6	105.1		BS	-423	-749	
	860				+4.3	270° 40'	-10.0	-5.7			BS			
420	530		62° 09'	"	7.0	89° 40'	+3.1	-3.9		101.2		+261	+461	559,811 2,328,326
421	202		60° 32'	"	5.7	89° 40'	+1.2	-4.5		100.6		+105	+173	559,655 2,328,038
TP	0				5.2	-		-5.2		99.9	TP	0	0	559,550 2,327,865
422	133		266° 42'	-1.7	5.2	89° 40'	+0.8	-4.4		100.7		-12	-132	559,538 2,327,733
423	462		261° 11'	"	7.1	89° 40'	+2.7	-4.4		100.7		-84	-454	559,466 2,327,411
424 TP	696		261° 49' 22"	"	4.6	-		-4.6		100.5	TP	-119	-686	559,431 2,327,179
TP	696				4.5	270° -		-4.5			TP			
	389		72° 17' 10"	"	+4.1	84	+1.9	+6.0	106.5		BS	-129	-367	
	389				+3.8	90° 20'	+2.3	+6.1			BS			
424	311		63° 10'	"	6.0	89° 56'	+0.4	-5.6		100.9		+149	+273	559,451 2,327,085
425	0				5.2	-		-5.2		101.3	TP	0	0	559,302 2,326,812
426	330		208° 28'	-1.7	5.3	89° 40'	+1.9	-3.4		103.1		-295	-149	559,007 2,326,663
427	659		210° 22' 49"	"	6.9	89° 40'	+3.8	-3.1		103.4	TP	-578	-316	558,724 2,326,496
427	659				5.0	89° 50'	+1.9	-3.1			TP			
	480		51° 50' 35"	"	+5.5	-		+5.5	108.9		BS	-308	-368	
	480				+3.1	84	+2.4	+5.5			BS			
428	150		53° 52'	"	6.3	89° 10'	+2.2	-4.1		104.8		+92	+118	558,508 2,326,246
TP	0				5.2	-		-5.2		103.7	TP	0	0	558,416 2,326,128

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Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE				
1-23-84		B. Gtcamp		W. Greenfield		6834		C.J. B.C.		4	36				
AREA		TOPO MAP		STATE		COUNTY		TWP	RANGE	PPM	PARTY MANAGER				
FLORIDA		CHERRY LAKE - 1/2		FLA.		MADISON					L.O. Davis				
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
									108.9						
429	178		260° 21'	-1.7°	6.0	90° 30'	-1.6	-7.6		101.3		-35	-175	558,381	2,325,953
430	507		264° 51'	"	8.7	-		-8.7		100.2		-60	-503	558,356	2,325,625
TP	676		261° 07' 17"	"	7.4	-		-7.4		101.5	TP	-124	-665	558,292	2,325,463
TP	676				7.3	270° -		-7.3			TP				
	470		47° 09' 16"	"	+4.8	74		-2.4	+2.4	103.9	BS	-330	-335		
	470				+6.5	89° 30'		-4.1	+2.4		BS				
431	320		51° 35'	"	5.1	89° 30'	+2.8	-2.3		101.6		+206	+245	558,168	2,325,373
432	0				5.2	-		-5.2		98.7	X	0	0	557,962	2,325,128
433	326		260° 22'	-1.7°	7.4	89° 30'	+2.8	-4.6		99.3		-64	-320	557,898	2,324,808
434	647		269° 30'	"	6.0	89° 50'	+1.9	-4.1		99.8		-25	-647	557,937	2,324,481
TP	755		265° 41' 55"	"	6.0	89° 50'	+2.2	-3.8		100.1	TP	-79	-751	557,883	2,324,377
TP	755				3.8	-		-3.8			TP				
	634		8° 01' 48"	-1.7°	+7.9	-		+7.9		108.0	BS	-630	-70		
	634				+7.8	270° -		+7.8			BS				
435	439		3° 34'	-1.7°	7.8	-		-7.8		100.2		+439	+14	557,692	2,324,321
436	112		358° 24'	"	7.8	-		-7.8		100.2		+112	-6	557,365	2,324,301
X	0				5.2	-		-5.2		102.8	X	0	0	557,253	2,324,307
IL	15		225° 40' 42"	"	4.9	-		-4.9		103.1	IL	-11	-10	557,242	2,324,297
437	320		284° 04'	"	7.3	-		-7.3		100.7		+69	-313	557,322	2,323,994
438	650		"	"	6.7	-		-6.7		101.3		+139	-635	557,392	2,323,672

y=557,265 x=2,324,310
 IL - intersect

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
1-23-84		B. Cotcamp		W. Greenfield		6834		C.J. B.C.		4		37			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
FLORIDA		CHERRY LAKE - 7 1/2'		FLA.		MADISON								L. O. Davis	
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
									108.0						
439	979		283° 17' 34"	-1.6	7.0	-		-7.0		101.1	TP	+198	-959	557,451	2,323,348
439	979				6.8	-		-6.8	-6.95		TP				
	2178		96° 40' 19"	~ ~ +	5.8	-		+5.8	106.6		BS	+193	-2169		
	2178				+5.3	270° -		+5.3	+5.53		BS				
440	1849		96° 30'	-1.6	7.1	-		-7.1		99.5		-158	+1842	557,486	2,323,021
441	1519		" "	" "	7.1	-		-7.1		99.5		-130	+1513	557,514	2,322,692
442	1189		" "	" "	6.9	-		-6.9		99.7		-102	+1185	557,542	2,323,364
443	859		96° 53'	" "	6.4	TH	+4.3	-2.1		104.5		-79	+855	557,565	2,322,034
444	529		" "	" "	5.4	TH	+2.6	-2.8		103.8		-49	+527	557,595	2,321,706
445	199		98° 16'	" "	5.4	-		-5.4		101.2		-23	+198	557,621	2,321,371
#	35		103° 44' 16"	" "	5.1	-		-5.1		101.5	#	-7	+34	557,637	2,321,213
X	0				5.2	-		-5.2		101.4	X	0	0	557,644	2,321,179
446	131		286° 23'	-1.6	5.0	TH	+0.7	-4.3		102.3		+33	-127	557,677	2,321,052
447	461		287° 24'	" "	5.1	-		-5.1		101.5		+126	-444	557,770	2,320,735
448	791		287° 51'	" "	5.2	-		-5.2		101.4		+221	-759	557,865	2,320,420
449	1121		288° 36'	" "	10.1	TH	+5.6	-4.5		102.1		+328	-1072	557,972	2,320,107
TP	1194		288° 39' 14"	" "	4.1	-		-4.1		102.6	TP	+350	-1142	557,994	2,320,037
TP	1194				3.9	270° -		-3.9	-4.03		TP				
	586		120° 39' 22"	-1.6	+5.5	-		+5.5	108.1		BS	+285	-512		
	586				+8.4	TH	-2.9	+5.5			BS				

5-557,650 x - 2,321,215
4 way int.

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE						
1-23-84		B. Stamp		W. Greenfield		6834		KWB CJ		4	38						
AREA		TOPO MAP		STATE	COUNTY		TWP	RANGE	PPM	PARTY MANAGER							
FLORIDA		CHERRY LAKE-T ¹ / ₂		FLA.	MADISON					L. O. Davis							
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	NORTH + SOUTH -	EAST + WEST -	COORDINATES		REMARKS	
												LAT.	DEP.	Y	X		
									108.1								
450	330		121° 07'	-1.6°	6.0	TH	+1.7	-4.4		103.7		-163	+287	558,116	2,319.812		
451	0				5.2	-		-5.2		102.9	X	0	0	558,279	2,319.525		
452	330		309° 00'	" "	6.7	89° -	+5.8	-0.9		107.2		+200	-262	558,479	2,319.263		
453	660		" "	" "	10.4	88° 30'	+17.3	+6.9		115.0		+401	-524	558,680	2,319.001		
454	990		" "	" "	5.7	88° 30'	+25.9	+20.2		128.3		+601	-786	558,880	2,318.739		
TP	1137		308° 23' 21"	" "	7.0	88° 30'	+29.8	+22.8		130.9	TP	+681	-910	558,960	2,318.615		
TP	1137				6.9	271° 30'	+29.8	+22.9			TP						
	512		110° 11' 17"	-1.6°	1.7	TH	-2.6	-0.9	130.0		BS	+163	-485				
	512				+3.5	89° 30'	-4.5	-1.0			BS						
455	330		109° 11'	" "	6.7	89° -	+5.8	-0.9		129.1		-100	+315	559,023	2,318.445		
456	0				5.2	-		-5.2		124.8	X	0	0	559,123	2,318.130		
457	330		285° 04'	-1.6°	6.4	91° 30'	-8.6	-15.0		115.0		+77	-321	559,208	2,317.809		
458	660		284° 04'	" "	10.2	90° 40'	-7.7	-17.9		112.1		+142	-644	559,265	2,317.486		
459	990		283° 27'	" "	8.1	90° 40'	-11.5	-19.6		110.4		+203	-969	559,326	2,317.161		
460	1319		283° 02' 23"	" "	4.0	90° 40'	-15.3	-19.3		110.7	TP	+262	-1293	559,385	2,316.837		
460	1319				3.9	269° 20'	-15.3	-19.2			TP						
	1837		92° 03' 43"	-1.6°	8.0	91° -	+32.1	+40.1	150.6		BS	+15	-1837				
	1837				+7.6	269° -	+32.1	+39.7	+39.9 1/3		BS						
461	1510		91° 37'	" "	11.3	91° 10'	-30.7	-42.0		108.6		70	+1510	559,400	2,316.510		
462	1180		" "	" "	8.9	91° 30'	-30.9	-39.8		110.8		-0	+1180	559,400	2,316.180		

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
1.23.84		B. Cotcamp		W. Greenfield		6834		C.J., B.C.		4		39			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
FLORIDA		CHERRY LAKE, Hamburg		FLA.		MADISON								L.O. Davis	
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	COORDINATES		REMARKS	
												NORTH+ SOUTH - LAT.	EAST+ WEST - DEP.		Y
									150.6						
463	850		91° 56'	-1.6°	11.8	91° 30'	-22.2	-34.0		116.6		-5	+850	559,395	2,315,850
464	520		92° 12'	--	6.5	91° 30'	-13.6	-20.1		130.5		-5	+520	559,395	2,315,520
465	190		92° 45'	--	7.0	90° 10'	-0.6	-7.6		143.0		-4	+190	559,396	2,315,190
π	0				5.2	-		-5.2		145.4	π	0	0	559,400	2,315,000
466	140		275° 06'	-1.6°	5.0	89° 40'	+0.8	-4.2		146.4		+9	-140	559,409	2,314,860 CHERRY LAKE - 7 1/2' ↑
467	470		" "	--	10.2	89° 40'	+2.7	-7.5		143.1		+29	-469	559,429	2,314,531 HAMBURG - 7 1/2' ↓
468	800		" "	--	10.5	90° 20'	-4.7	-15.2		135.4		+49	-799	559,449	2,314,201
469	1130		" "	--	9.8	90° 20'	-6.6	-16.4		134.2		+69	-1128	559,469	2,313,872
470	1460		275° 11'	--	8.3	90° 10'	-4.2	-12.5		138.1		+91	-1457	559,491	2,313,543
TP	1713		275° 16' 33"	--	3.8	90° 10'	-5.0	-8.8		141.8	TP	+110	-1709	559,510	2,313,291
TP	1713				3.7	269° 50'	-5.0	-8.7			TP				
	1068		112° 04' 20"	-1.6° ↓	7.1	89° -	-18.6	-11.5	130.3		BS	+373	-1000		
	1068			+4.0	4.0	89° 10'	-15.5	-11.5			BS	-			
471	990		112° 04'	--	7.2	89° -	+17.3	+10.1		140.4		-346	+928	559,536	2,312,299
472	660		" "	--	7.3	89° 20'	+7.7	+0.4		130.7		-231	+618	559,651	2,312,909
473	330		" "	--	7.3	89° 40'	+1.9	-5.4		124.9		-115	+309	559,767	2,312,600
474	0				5.2	-		-5.2		125.1	π	0	0	559,882	2,312,291
475	330		287° 56'	-1.6°	11.7	87° 50'	+12.5	+0.8		131.1		+93	-317	559,975	2,311,974
476	660		287° 24'	--	7.2	87° 50'	+24.9	+17.7		148.0		+180	-635	560,062	2,311,656
477	990		287° 04'	--	9.0	88° -	+34.5	+25.5		155.8		+264	-954	560,146	2,311,337

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
1-23-84		B. Cotcamp		W. Greenfield		6834		KWC CJ		4		40			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
FLORIDA		HAMBURG-7 1/2'		FLA.		MADISON								L. O. Davis	
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
									130.3						
TP	1274		286° 29' 19"	-1.7°	14.3	88° 20'	+37.1	+22.8		153.2	TP	+325	-1231	560,206	2,311,060
TP	1274				14.1	271° 40'	+37.1	+23.0	+22.9 1/2		TP	-1			
	1198		101° 16' 09"	"	+9.0	88°	-41.8	-32.8	120.3		BS	+199	-1181		
	1198				+8.8	22°	-41.8	-33.0	-32.9 1/2		BS	-1			
478	1153		101° 00'	-1.7°	8.1	88°	+40.2	+32.1		152.4		-186	+1138	560,218	2,311,017
479	824		" "	"	6.0	88°	+28.7	+22.7		143.0		-133	+813	560,271	2,310,692
480	494		101° 31'	"	6.3	88° 20'	+14.4	+8.1		128.4		-84	+487	560,320	2,310,366
481	164		104° 14'	"	7.7	88° 20'	+4.8	-2.9		117.4		-36	+160	560,368	2,310,039
Σ	0				5.2	-	-	-5.2		115.1	Σ	0	0	560,404	2,309,879
482	166		294° 35'	-1.7°	6.0	90° 16'	-0.5	-6.5		113.8		+65	-153	560,469	2,309,726
IF	281		293° 47' 34"	"	5.5	90° 10'	-0.8	-6.3		114.0	IF	+106	-260	560,510	2,309,619
483	496		296° 21'	"	11.7	89°	+8.7	-3.0		117.3		+207	-451	560,611	2,309,428
484	826		" "	"	10.3	89°	+14.4	+4.1		124.4		+345	-751	560,749	2,309,128
485	1156		" "	"	10.3	88° 20'	+33.6	+23.3		143.6		+482	-1051	560,886	2,308,798
II	1405		296° 07' 23"	"	5.4	88° 20'	+40.9	+35.5		155.8	II	+581	-1279	560,985	2,308,600
486	1486		296° 21'	"	7.1	88° 20'	+43.2	+36.1		156.4		+620	-1351	561,024	2,308,468
487	1815		296° 33' 03"	"	7.1	88° 30'	+47.5	+40.4		160.8	TP	+763	-1646	561,167	2,308,232
487	1815				6.9	271° 30'	+47.5	+40.6	+40.5 1/2		TP	-1			
	1971		113° 24' 00"	-1.7°	11.7	89° 20'	-22.9	-11.2	149.4		BS	+729	-1831		
	1971				+11.3	270° 40'	-22.9	-11.6	11.4 1/2		BS	-1			

y-560,505 x-2,309,600
FT-Intersect

y-560,985 x-2,308,600
y-ROAD South
Horiz y-3'
Corr. x-+34

SURVEY NOTES-HIGH RESOLUTION DATA

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Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
1-23-84		B. Cotcamp		W. Greenfield		6834		C.S.		B.C.		4 41			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
FLORIDA		HAM BURG - 1/2		FLA.		MADISON								L.O. Davis	
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS & TP	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
									149.4						
488	1644		112° 22'	-1.7°	9.2	89° 20'	+19.1	+9.9		159.3		-580	+1538	561,316	2,307,938
489	1315		111° 08'	"	10.3	89° 20'	+15.3	+5.0		154.4		-438	+1240	561,458	2,307,640
490	990		108° 51'	"	8.9	89° 20'	+11.5	+2.6		152.0		-292	+946	561,604	2,307,346
491	660		107° 50'	"	7.2	89° 20'	+7.7	+0.5		149.9		-183	+634	561,713	2,307,034
492	330		" "	"	5.5	89° 20'	+3.8	-1.7		147.7		-92	+317	561,804	2,306,717
493	0				5.2	-		-5.2		144.2	TP	0	0	561,896	2,306,400
494	329		273° 49'	-1.7°	7.1	91° 10'	-6.7	-13.8		135.6		+12	-329	561,908	2,306,071
495	658		271° 50'	"	9.2	91° 10'	-13.4	-22.6		126.8		+2	-658	561,898	2,305,742
496	988		270° 48'	"	12.3	90° 52'	-14.9	-27.2		122.2		-16	-988	561,880	2,305,412
497	1318		270° 22'	"	11.0	90° 50'	-19.2	-30.2		119.2		-31	-1318	561,865	2,305,082
498	1647		270° 14'	"	11.8	90° 40'	-19.2	-31.0		118.4		-42	-1646	561,854	2,304,754
499	1976		" "	"	9.6	90° 30'	-17.3	-26.9		122.5	I	-51	-1975	561,845	2,304,425
TP	2154		270° 28' 48"	"	6.2	90° 30'	-18.8	-25.0		124.5	TP	-46	-2153	561,850	2,304,246
TP	2154				5.9	269° 30'	-18.8	-24.7	-24.93		TP		-1		
	1473		104° 20' 02"	-1.7°	14.7	89° 58'	-0.9	+13.8	138.3		BS	+322	-1437		
	1473				14.6	270° 02'	-0.9	+13.7			BS		-1		
500	1320		103° 45'	"	12.2	89° 58'	+0.8	-11.4		126.9		-276	+1291	561,896	2,304,099
501	990		" "	"	7.4	89° 50'	+2.9	-4.5		133.8		-207	+968	561,965	2,303,776
502	660		" "	"	9.5	89° 20'	+7.7	-1.8		136.5		-138	+645	562,034	2,303,453
503	330		" "	"	6.7	89° 20'	+3.8	-2.9		135.4		-69	+323	562,103	2,303,131

SURVEY NOTES-HIGH RESOLUTION DATA

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Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE							
1.23.84		B. Cotcamp		W. Greenfield		6834		KUG		4		42							
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER					
FLORIDA		Hamburg - 7 1/2'		FLA.		Madison								L.O. Davis					
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	NORTH + SOUTH -		EAST + WEST -		COORDINATES		REMARKS	
												LAT.	DEP.	Y	X				
									138.3										
If	94		111° 07' 58"	-1.7°	2.9	89° 20'	+1.1	-1.8		136.5	If	-31	+89	562,171	2,302,897				y-562,165 x-2,302,795 If T-ROAD south EL. 136.6
504	0				5.2	-		-5.2		133.1	X	0	0	562,172	2,302,808				
505	330		283° 35'	-1.7°	6.3	92° 10'	-12.5	-18.8		119.5		+68	-323	562,240	2,302,485				
506	660		" "	" "	12.3	91° 20'	-15.4	-27.7		110.6		+136	-646	562,308	2,302,162				
507	990		" "	" "	10.2	90° 50'	-14.4	-24.6		113.7		+204	-969	562,376	2,301,839				
508	1319		283° 20' 55"	" "	9.0	90° 10'	-3.8	-12.8		125.6	TP	+266	-1292	562,438	2,301,515				
508	1319				8.8	269° 50'	-3.8	-12.6	125.3		TP		-						
	1170		95° 10' 21"	-1.9°	11.2	88° 20'	-34.0	-22.8	102.8		BS	+67	-1168						
	1170				11.1	271° 40'	-34.0	-22.9			BS		-						
509	841		93° 34'	" "	7.5	88° 40'	+19.6	+12.1		114.9		-24	+841	562,481	2,301,187				
510	513		90° 18'	" "	8.5	88° 40'	+11.9	+3.4		106.2		+14	+513	562,514	2,300,859				
511	186		85° 42'	" "	6.7	88° 40'	+4.3	-2.4		100.4		+20	+185	562,525	2,300,531				
If	196		87° 48' 29"	" "	6.7	88° 40'	+4.6	-2.1		100.7	If	+14	+195	562,519	2,300,541				y-562,505 x-2,300,525 If T-ROAD SOUTH EL. 101.0
X	0				5.2	-		-5.2		97.6	X	0	0	562,505	2,300,346				
512	144		263° 18'	-1.9°	6.0	-		-6.0		96.8		-22	-142	562,483	2,300,204				
513	472		256° 51'	" "	7.7	-		-7.7		95.1		-123	-456	562,382	2,299,890				
514	800		254° 44'	" "	7.0	-		-7.0		95.8		-236	-764	562,269	2,299,582				
515	1130		255° 23'	" "	8.8	-		-8.8		94.0		-321	-1083	562,184	2,299,263				
TP	1346		255° 16' 58"	" "	10.0	-		-10.0		93.0	TP	-385	-1290	562,120	2,299,055				
TP	1346				9.7	-270		-9.7	93.3		TP		-						

SURVEY NOTES-HIGH RESOLUTION DATA

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Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE			
1-23-84		B. Cotcamp		W. Greenfield		6834		C.S. B.C.		4	43			
AREA		TOPO MAP		STATE	COUNTY		TWP	RANGE	PPM	PARTY MANAGER				
FLORIDA		HAMBURG-7 1/2		FLA.	Madison					L.O. Davis				
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	COORDINATES		REMARKS
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.	
										93.0				
	649		94° 32' 40"	-1.9°	5.9	-		+5.9	98.9		BS	+30	-648	
	649				+7.7	89° 50'	-1.9	+5.8		BS				
516	531		94° 31'	"	8.4	89° 40'	+3.1	-5.3		93.6		-24	+530	562,126 2,298,937
517	201		95° 54'	"	6.6	89° 40'	+1.2	-5.4		93.5		-14	+201	562,136 2,298,608
π	0				5.2	-		-5.2		93.7	π	0	0	562,150 2,298,407
518	130		286° 13'	-1.9°	5.2	89° 40'	+0.8	-4.4		94.5		+32	-126	562,182 2,298,281
519	460		" "	"	7.9	89° 40'	+2.7	-5.2		93.7		+114	-446	562,264 2,297,961
520	790		" "	"	7.0	89° 40'	+4.6	-2.4		96.5		+195	-765	562,345 2,297,642
521	1120		" "	"	7.7	89° 20'	+13.0	+5.3		104.2		+277	-1085	562,427 2,297,322
522	1448		286° 19' 32"	"	9.8	89° 30'	+12.6	+2.8	+2.93	101.8	TP	+361	-1402	562,511 2,297,004
522	1448				9.6	270° 30'	+12.6	+3.0		TP				-1
	1022		110° 58' 50"	-1.9°	5.3	89° 30'	-8.9	-3.6	98.2		BS	+334	-966	
	1022				5.2	270° 30'	-8.9	-3.7		BS				
523	694		109° 03'	"	7.8	89° 30'	+6.1	-1.7		96.5		-205	+663	562,640 2,296,701
±	399		108° 21' 18"	"	7.4	89° 30'	+3.5	-3.9		94.3	±	-113	+383	562,732 2,296,421
524	365		106° 35'	"	7.4	89° 30'	+3.2	-4.2		94.0		-93	+353	562,752 2,296,391
525	35		" "	"	4.9	89°	+0.6	-4.3		93.9		-9	+34	562,836 2,296,072
π	0				5.2	-		-5.2		93.0	π	0	0	562,845 2,296,038
526	292		264° 49'	-1.9°	7.2	89° 30'	+2.5	-4.7		93.5		-36	-290	562,809 2,295,748
527	620		260° 01'	"	6.7	89° 46'	+2.5	-4.2		94.0		-128	-607	562,717 2,295,431

± 562,745 x 2,296,400
± T-RUNS NORTH EL. 94.0

SURVEY NOTES-HIGH RESOLUTION DATA
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DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE						
1-23-84		B. Cottramp		W. Greenfield		6834		KWG		4	44						
AREA		TOPO MAP	STATE	COUNTY		TWP	RANGE	PPM	PARTY MANAGER								
FLORIDA		Hamburg - 7 1/2'	FLA.	Madison					L.O. Davis								
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	NORTH + SOUTH -	EAST + WEST -	COORDINATES		REMARKS	
												LAT.	DEP.	Y	X		
									98.2								
528	948		262° 01' 08"	-1.9°	6.9	89° 50'	+2.8	-4.1	}	94.1	TP	-163	-934	562,682	2,295,104		
528	948				9.7	89° 40'	+5.5	-4.2		TP							
	473		98° 03' 43"	"	+9.2	-		+9.2	}	103.3	BS	+51	-470				
	473				+6.8	BH	+2.4	+9.2		BS							
529	145		102° 19'	"	7.2	-		-7.2		96.1		-26	+143	562,701	2,294,777		
π	0				5.2	-		-5.2		98.1	π	0	0	562,733	2,294,634		
530	185		287° 38'	-1.9°	4.7	89° -	+3.2	-1.5		101.8		+50	-178	562,783	2,294,456		
531	515		" "	"	6.8	TH	+2.6	-4.2		99.1		+140	-496	562,873	2,294,138		
532	845		" "	"	7.8	TH	+4.2	-3.6		99.7		+229	-813	562,962	2,293,821		
533	1175		" "	"	9.7	TH	+5.9	-3.8		99.5		+319	-1131	563,052	2,293,503		
π	1403		287° 04' 23"	"	5.6	-		-5.6	}	97.8	π	+367	-1354	563,100	2,293,280	FDL Line # 4	
π	1403				5.4	270° -		-5.4		5.53	TP						TTT-Inter. EL. 98.0 Horiz 9.20' Coll. x = .8'