

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE					
11-5-83		B. Cotcamp		D. Winkle		6834		B.C.		1	41					
AREA		TOPO MAP	STATE	COUNTY	TWP	RANGE	PPM	PARTY MANAGER								
FLORIDA		Douglas Park 7 1/2	FLA.	Suwannee				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 - LAT.	EAST+ WEST - DEP.	COORDINATES Y X		REMARKS
										81.0						
	2639		0 52 48	-21	8.9	-		+8.9	899.9		BS	-2638	+56			
	2639				8.8	270-		+8.8	5		BS	+1	-1			
519	2310		0 56	"	8.9	-		-8.9		81.0		+2310	-47	466,131	2,410,729	4-466,000 R-2,410,705
#	2141		1 04 28	"	7.6	-		-7.6		82.3	#	+2141	-38	465,962	2,410,738	# 4 way int EL 836
520	1980		0 56	"	7.7	-		-7.7		82.2		+1980	-40	465,801	2,410,736	
521	1650		" "	"	6.2	-		-6.2		83.7		+1650	-34	465,471	2,410,742	
522	1320		" "	"	9.0	-		-9.0		80.9		+1320	-27	465,141	2,410,749	
523	990		" "	"	7.8	-		-7.8		82.1		+990	-20	464,811	2,410,756	
524	660		" "	"	8.9	-		-8.9		81.0		+660	-13	464,481	2,410,763	
525	330		" "	"	6.6	-		-6.6		83.3		+330	-8	464,151	2,410,768	
526	0				5.2	-		-5.2		84.7	T	0	0	463,821	2,410,776	
527	330		181 00	-21	5.8	-		-5.8		84.1		-330	+6	463,491	2,410,782	
528	660		" "	"	5.2	-		-5.2		84.7		-660	+13	463,161	2,410,789	
529	990		" "	"	6.9	-		-6.9		83.0		-990	+19	462,831	2,410,795	
530	1320		181 00	"	6.8	-		-6.8		83.1		+1320	+25	462,501	2,410,801	
531	1650		" "	"	8.1	-		-8.1		81.8		+1650	+32	462,171	2,410,808	
532	1980		" "	"	8.5	-		-8.5		81.4		+1980	+38	461,841	2,410,814	
533	2310		" "	"	9.3	-		-9.3		80.6		+2310	+44	461,511	2,410,820	
534	2636		181 03 47	"	9.9	-		-9.9			TP	-2636	+48	461,186	2,410,823	
534	2636				9.8	270-		-9.8		80.1	TP	+1	-1			

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11.5.83		B. Cotcamp		D. Weinkle		6834		B.C.		1		42			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
FLOR. DA		Fairmouth - 7 1/2'		FLA.		Suwannee								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
										80.1					
	2640		0° 50' 10"	-2.1°	11.0	-		+11.0	891.1		BS	-2639	+58		
	2640				+10.9	-270°		+10.9			BS	+1	-1		
535	2310		0° 57'	--	10.2	-		-10.2		80.9		+2310	-96	460,858	2,410,834
536	2124		1° 03' 53"	--	9.5	-		-9.5		81.6	TP	+2124	+38	460,678	2,410,842
536	1980		0° 57'	--	11.0	-		-11.0		80.1		+1980	-40	460,528	2,410,840
537	1650		" "	--	10.6	-		-10.6		80.5		+1650	-33	460,198	2,410,847
538	1320		" "	--	10.3	-		-10.3		80.8		+1320	-26	459,868	2,410,854
539	990		" "	--	9.9	-		-9.9		81.2		+990	-20	459,538	2,410,860
540	660		" "	--	7.4	-		-7.4		83.7		+660	-13	459,208	2,410,867
541	330		" "	--	4.9	-		-4.9		86.2		+330	-7	458,878	2,410,873
542	0			--	-5.2	-		-5.2		85.9	TP	0	0	458,548	2,410,880
543	330		180° 57'	-2.1°	5.8	-		-5.8		85.3		-330	+7	458,218	2,410,887
544	660		" "	--	9.1	-		-9.1		82.0		-660	+13	457,888	2,410,893
545	990		" "	--	10.9	-		-10.9		80.2		-990	+20	457,558	2,410,900
546	1320		180° 57'	--	11.3	-		-11.3		79.8		1320	+26	457,228	2,410,906
547	1650		" "	--	11.7	-		-11.7		79.4		1650	+33	456,898	2,410,913
548	21980		" "	--	9.8	90° 06'	-3.5	-13.3		77.8		-1980	+40	456,568	2,410,920
549	2310		" "	--	8.6	90° 06'	-4.0	-12.6		78.5		-2310	+46	456,238	2,410,926
550	2641		180° 55' 42"	--	7.7	90° 06'	-4.6	-12.3			TP	-2640	+54	455,909	2,410,933
550	2641			--	7.6	269° 54'	-4.6	-12.2		78.9	TP	+1	-1		

460,705 2,410,815
460,705 2,410,815

↑
Fairmouth - 7 1/2'
↓
Powling Park - 7 1/2'

SURVEY NOTES-HIGH RESOLUTION DATA

Geosource Inc.

DATE 11.5.83 INSTRUMENT MAN B. Cotcamp ROD MAN D. Winkle PARTY NUMBER 6834 NOTES CHECKED BY B.C. LINE NO. 1 PAGE 43

AREA FLORIDA TOPO MAP Dowling Park - 1/2 STATE FLORIDA COUNTY Suwannee 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 - LAT.	EAST + WEST - DEP.	COORDINATES Y	X	REMARKS
										78.9						
	3298		1° 25' 41"	-2.1	13.4	90° 02'	+1.9	+15.3	94.2		BS	-3298	+39			
	3298				13.3	269° 58'	+1.9	+15.2			BS	+1	-1			
551	2970		1° 20'	--	11.4	90° 04'	-3.4	-14.8		79.4		+2970	-40	455,582	2,410,931	4-455,400 X-2,410,945
551	2754		1° 21' 37"	--	8.8	90° 04'	-3.2	-12.0		82.2	TP	+2754	-31	455,366	2,410,940	4-455,400 X-2,410,945
552	2640		1° 05'	--	10.1	90° 04'	-3.1	-13.2		81.0		+2640	-47	455,252	2,410,924	
553	2310		--	--	9.1	90° 04'	-2.7	-11.8		82.4		+2310	-41	454,922	2,410,930	
554	1980		--	--	9.3	90° 04'	-2.3	-11.6		82.6		+1980	-35	454,592	2,410,936	
555	1650		1° 05'	-2.1	8.9	90° 04'	-1.9	-10.8		83.4		+1650	-29	454,262	2,410,942	
556	1320		--	--	10.0	90° 04'	-1.5	-11.5		82.7		+1320	-23	453,932	2,410,948	
557	990		--	--	10.6	90° 04'	-1.1	-11.7		82.5		+990	-18	453,602	2,410,953	
558	660		--	--	10.0	90° 04'	-0.8	-10.8		83.4		+660	-12	453,272	2,410,959	
559	330		--	--	8.4	90° 04'	-0.4	-8.8		85.4		+330	-6	452,942	2,410,965	
560	0				5.2	-		-5.2		89.0	TP	0	0	452,612	2,410,971	
561	330		180° 57'	-21°	5.1	-		-5.1		89.1		-330	+7	452,282	2,410,978	
562	660		--	--	8.0	-		-8.0		86.2		-660	+13	451,952	2,410,984	
563	990		--	--	10.2	-		-10.2		84.0		-990	+20	451,622	2,410,991	
564	1320		180° 57'	--	9.3	-		-9.3		84.9		-1320	+26	451,292	2,410,997	
565	1650		--	--	10.4	-		-10.4		83.8		-1650	+33	450,962	2,411,004	
566	1980		--	--	11.0	-		-11.0		83.2		-1980	+40	450,632	2,411,011	
567	2310		--	--	10.2	-		-10.2		84.0		-2310	+46	450,302	2,411,017	

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DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE				
11.5.83		B. Cotcamp		D. Winkle		6834		B.C.		1						
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER		
FLORIDA		Dauling Park 7 1/2		FLA.		Suwannee								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 - LAT.	EAST + WEST - DEP.	COORDINATES Y X		REMARKS
									94.2							
#	2553		180° 53' 12"	-2.1°	9.2	-		-9.2		85.0	TP	-2552	+54	450,061	2,411,024	450,100 x 2,411,033 4 Wm cont. El. 85.0
#	2553				9.1	270°		-9.1			TP	+1	-1			
	5368		0° 56' 29"	"	5.7	-		+5.7			BS	-5367	+109			
	5368				5.8	270°		+5.8	90.8		BS	+1	-1			
568	5781		0° 51'	-2.1°	6.0	-		-6.0		84.8		+5280	-115	449,975	2,411,017	
569	4950		" "	" "	5.7	-		-5.7		85.1		+4944	-108	449,644	2,411,024	
570	4620		" "	" "	10.1	-		-10.1		80.7		+4619	-101	449,314	2,411,031	
571	4290		" "	" "	9.3	-		-9.3		81.5		+4289	-94	448,984	2,411,038	
572	3960		0° 51'	-2.1°	6.8	-		-6.8		84.0		+3959	-86	448,654	2,411,046	
573	3630		" "	" "	7.2	-		-7.2		83.6		+3629	-79	448,324	2,411,053	
574	3300		" "	" "	6.7	-		-6.7		84.1		+3299	-72	447,994	2,411,060	
575	2970		" "	" "	5.2	-		-5.2		85.6		+2969	-65	447,664	2,411,067	
576	2640		0° 51'	" "	5.0	-		-5.0		85.8		+2639	-58	447,334	2,411,074	
577	2310		" "	-2.1°	10.7	89° 50'	+6.7	-4.0		86.8		+2309	-50	447,004	2,411,082	
578	1980		" "	" "	10.1	89° 50'	+5.8	-4.3		86.5		+1980	-43	446,675	2,411,089	
579	1650		" "	" "	7.3	89° 50'	+4.8	-2.5		88.3		+1650	-35	446,345	2,411,097	
580	1320		" "	" "	7.3	89° 50'	+3.8	-3.5		87.3		+1320	-29	446,015	2,411,103	
581	990		" "	" "	5.9	89° 50'	+2.9	-3.0		87.8		+990	-22	445,685	2,411,110	
582	660		" "	" "	5.9	89° 50'	+1.9	-4.0		86.8		+660	-14	445,355	2,411,118	
583	330		" "	" "	5.9	89° 50'	+1.0	-4.9		85.9		+330	-7	445,025	2,411,125	

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DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE				
11.6.83		B. Cotcamp		D. Winkle		6834		B.C.		1		45				
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER		
FLORIDA		Powling Park-7 1/2		FLA.		Suwannee								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 TP	COORDINATES		REMARKS		
												NORTH + SOUTH -	EAST + WEST -		Y	X
									70.8							
#1	68		2° 48' 53"	-2.1°	5.2	89° 50'	+0.2	-5.0		85.8	#1	+68	+1	444,763	2,411,333	3-444,790 x 2,411,135 IT-Autor. EL. 85.0
584	0				5.2	-		-5.2		85.6	TP	0	0	444,695	2,411,132	
585	330		181° 05'	--	4.8	TM	+1.7	-3.1		87.7		-330	+6	444,365	2,411,138	
586	660		--	--	6.2	-		-6.2		84.6		-660	+12	444,035	2,411,144	
587	990		--	--	6.6	-		-6.6		84.2		-990	+18	443,705	2,411,150	
588	1320		--	--	6.9	-		-6.9		83.9		-1320	+23	443,375	2,411,155	
589	1650		181° 05'	-2.1	9.8	-		-9.8		81.0		-1650	+29	443,045	2,411,161	
590	1980		--	--	9.1	-		-9.1		81.7		-1980	+35	442,715	2,411,167	
591	2310		--	--	12.5	-		-12.5		78.3		-2310	+41	442,385	2,411,173	
592	2640		--	--	11.7	90° 10'	-7.7	-19.4		71.4		-2640	+47	442,055	2,411,179	
593	2970		--	--	11.7	90° 10'	-8.6	-20.3		70.5		-2970	+53	441,725	2,411,185	
594	3300		--	--	7.3	90° 10'	-9.6	-16.9		73.9		3299	+59	441,396	2,411,191	
595	3630		181° 04' 16"	--	2.7	90° 10'	-10.6	-13.3	-13.4	77.4	TP	-3629	+65	441,067	2,411,196	
595	3630				2.9	269° 50'	-10.6	-13.5			TP	+1	-1			
	2485		1° 20' 37"	-2.1	8.1	-		+8.1			BS	-2485	+33			
	2485				+8.2	270°		+8.2	85.6		BS	+1	-1			
596	2155		1° 16'	--	10.8	-		-10.8		74.8		+2155	-31	440,738	2,411,197	
597	1825		--	--	8.9	-		-8.9		76.7		+1825	-27	440,408	2,411,201	
598	1495		--	--	6.8	-		-6.8		78.8		+1495	-22	440,078	2,411,206	
599	1165		--	--	6.1	-		-6.1		79.5		+1165	-17	439,748	2,411,211	

SURVEY NOTES-HIGH RESOLUTION DATA

Geosource Inc.

DATE: 11-6-83 INSTRUMENT MAN: B. Cotcamp ROD MAN: D. Winkle PARTY NUMBER: 6834 NOTES CHECKED BY: B.C. LINE NO.: 1 PAGE: 46

AREA: FLORIDA TOPO MAP: Dowling Park-7 1/2 STATE: FLA. COUNTY: Suwannee 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				
									85.6										
41	886		1° 29' 42"	-2.1	5.7	-		-5.7		79.9	41	+886	-9	439,469	2,411,219			4-way inter. EL. 80.0	
600	835		1° 16'	"	9.9	TH	+4.2	-5.7		79.9		+835	-12	439,418	2,411,216				
601	505		"	"	5.3	TH	+2.5	-2.8		82.8		+505	-7	439,088	2,411,221				
602	175		"	"	7.4	88°	+6.1	-1.3		84.3		+175	-3	438,758	2,411,225				
X	0				5.2	-		-5.2		80.4	X	0	0	438,583	2,411,228				
603	155		183° 43'	-2.1	11.2	90° 40'	-1.8	-13.0		72.6		-155	+4	438,428	2,411,232				
604	485		181° 56'	"	12.1	-		-12.1		73.5		-485	+1	438,098	2,411,235				
605	815		181° 39'	"	9.4	-		-9.4		76.2		-815	+6	437,768	2,411,234				
606	1145		181° 29'	"	5.6	-		-5.6		80.0		-1145	+12	437,438	2,411,240				
607	1475		181° 25'	"	5.8	-		-5.8		79.8		-1475	+18	437,108	2,411,246				
608	1805		181° 17'	"	6.0	-		-6.0		79.6		-1805	+26	436,778	2,411,254				
609	2135		181° 16'	"	6.8	90° 04'	-2.5	-9.3		76.3		-2135	+31	436,448	2,411,259				
610	2465		181° 13'	"	6.3	90° 06'	-4.3	-10.6		75.0		-2465	+38	436,118	2,411,266				
611	2795		"	"	5.9	90° 06'	-4.9	-10.8		74.8		-2795	+43	435,788	2,411,271				
612	3125		"	"	5.4	90° 02'	-1.8	-7.2		78.4		-3125	+48	435,458	2,411,276				
613	3454		181° 06' 11"	"	2.6	90° 02'	-2.0	-4.6		81.0	TP	-3453	+60	435,131	2,411,287				
613	3454				2.7	269° 58'	-2.0	-4.7			TP	+1	-1						
	1650		0° 18' 52"	-2.1	+1.8	-		+1.8	82.8		BS	-1649	+51						
	1650				+1.7	270°	-	+1.7			BS	+1	-1						

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DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
11.6.83		B. Cotcamp		D. Winkle		6834		[Signature]		1		47			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
FLORIDA		Dowling Park - 1/2'		FLORIDA		Suwannee								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 TP	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
									82.8						
614	1320		0° 11'	-2.1°	7.7	-	-7.7		75.1			+1319	-44	434,802	2,411,293
615	990		" "	" "	11.6	-	-11.6		71.2			+989	-33	434,472	2,411,304
TP	710		0° 42' 17"	" "	6.4	-	-6.4		76.4	TP		+710	-17	434,193	2,411,320
616	660		0° 11'	" "	7.1	-	-7.1		75.7			+7660	-22	434,143	2,411,315
617	330		359° 10'	" "	8.1	-	-8.1		74.7			+330	-17	433,813	2,411,320
618	0				5.2	-	-5.2		72.6	TP		0	0	433,483	2,411,337
619	330		182° 58'	-2.1	4.8	TH	+1.7	-3.1	79.7			-330	-5	433,153	2,411,332
620	660		182° 03'	" "	4.5	TH	+3.3	-1.2	81.6			-660	+1	432,823	2,411,338
TP	816		181° 32' 49"	" "	6.8	89° 50'	+2.4	-4.4			TP	-816	+8	432,668	2,411,344
TP	816				9.1	89° 40'	+4.7	-4.4	78.4		TP	"	"		
	504		01° 47' 52"	" "	4.8	89°	-8.8	-4.0			BS	-504	+3		
	504				3.3	89° 10'	-7.3	-4.0	74.4		BS	"	"		
621	330		1° 20'	" "	5.3	89° 10'	+4.8	-0.5	73.9			+330	-4	432,495	2,411,342
622	0				5.2	-	-5.2		69.2	TP		0	0	432,165	2,411,346
623	330		181° 07'	" "	10.2	89° 10'	+4.8	-5.4	69.0			-330	+6	431,835	2,411,352
TP	616		180° 41' 54"	" "	5.2	89° 30'	+5.4	+0.2	74.6	TP		-616	+15	431,550	2,411,360
TP	616				5.2	270° 30'	+5.4	+0.2			TP	"	"		
TP									68.0	TP					
	3340		1° 43' 52"	-2.1	10.1	-	+10.1				BS	-3340	+22		
	3340				10.0	270°	+16.0		78.0		BS	"	-1		

y = 434,205 x = 2,411,305
 TP 4 way int. EL. 77.0

across STA.

(260) off scaled
 offset west
 S = 431,550 x = 2,411,360
 TP - Inter. EL. 75.0
 Horiz S = +26'
 Corr. X = -32'
 TP - 431,510 x = 2,408,700
 TP - Inter. EL. 68.6

SURVEY NOTES-HIGH RESOLUTION DATA

Geosource Inc.

GEO-445

DATE: 11.6.83 INSTRUMENT MAN: B. Cotcamp ROD MAN: D. Wrinkle PARTY NUMBER: 6834 NOTES CHECKED BY: B.C. LINE NO.: 1 PAGE: 48

AREA: FLORIDA TOPO MAP: Dawling Park - 7 1/2' STATE: FLA. COUNTY: Suwannee 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 A TP	COORDINATES		REMARKS
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.	
									78.0					
624	3300		1° 36'	-2.1°	10.0	-		-10.0		68.0		+3300	-29	431,456 2,408,692
625	2970		" "	" "	6.4	-		-6.4		71.6		+2970	-26	431,146 2,408,695
626	2640		" "	" "	9.1	-		-9.1		68.9		+2440	-23	430,616 2,408,698
627	2310		" "	" "	8.8	-		-8.8		69.2		+2310	-20	430,486 2,408,701
628	1980		1° 36'	-2.1°	7.1	-		-7.1		70.9		+1980	-17	430,156 2,408,704
629	1650		" "	" "	12.4	TH	+8.3	-4.1		73.9		+1650	-14	429,826 2,408,707
630	1320		" "	" "	11.0	TH	+6.6	-4.4		73.6		+1320	-12	429,496 2,408,709
631	990		" "	" "	7.4	TH	+5.0	-2.4		75.6		+990	-9	429,166 2,408,712
IF	624		2° 17' 49"	" "	4.5	-		-4.5		73.5	IF	+624	+2	428,800 2,408,723 IF HWAY INT EL. 74.0
632	660		1° 36'	" "	7.8	TH	+3.3	-4.5		73.5		+660	-6	428,836 2,408,715
633	330		" "	" "	4.9	TH	+1.7	-3.2		74.8		+330	-3	428,506 2,408,718
634	0				5.2	-		-5.2		72.8	π	0	0	428,176 2,408,721
635	330		181° 42'	-2.1°	7.1	-		-7.1		70.9		-330	+2	427,846 2,408,723
636	660		" "	" "	7.8	-		-7.8		70.2		-660	+5	427,516 2,408,726
637	990		" "	" "	7.8	-		-7.8		70.2		-990	+7	427,186 2,408,728
638	1320		" "	" "	6.3	-		-6.3		71.7		-1320	+9	426,856 2,408,730
639	1650		" "	" "	6.9	-		-6.9		71.1		-1650	+12	426,526 2,408,733
640	1980		181° 36'	" "	6.6	-		-6.6		71.4		-1980	+17	426,196 2,408,738
IF	2031		181° 27' 03"	" "	6.7	-		-6.7		71.3	IF	-2031	+23	426,145 2,408,744 IF T-INTER EL. 71.0

y=428,825x-2408,710
IF HWAY INT EL. 74.0

y=426,165x-2408,740
IF T-INTER EL. 71.0

SURVEY NOTES-HIGH RESOLUTION DATA

Geosource Inc.

DATE: 11.6.83 INSTRUMENT MAN: B. Cotcamp ROD MAN: O. WRINKLE PARTY NUMBER: 6834 CHECKED BY: B.C. LINE NO.: 1 PAGE: 49

AREA: Florida TOPO MAP: Dowling Park - 7 1/2 STATE: Florida COUNTY: Suwannee TWP: RANGE: PPM: PARTY MANAGER: 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	NORTH + SOUTH - LAT.	EAST + WEST - DEP.	COORDINATES		REMARKS
														Y	X	
									78.0							
641	2310		181° 27'	-2.1	9.2	-	-9.2		68.8		2309	+26	425,816	2,408,747		
642	2640		181° 24'	-	7.2	-	-7.2		70.8		-2639	+32	425,537	2,408,753		
643	2970		" "	-	8.2	-	-8.2		69.8		-2969	+36	425,207	2,408,757		
644	3300		181° 15' 29"	-	6.5	-	-6.5		71.5	TP	-3300	+48	424,882	2,408,768		
644	3300				6.4	270°	-	-6.4		TP		-1				
	1981		0° 58' 14"	-2.1	2.4	-	+2.4			BS	-1981	+39				
	1981				2.3	270°	-	+2.3		BS		+5				
645	1650		0° 54'	-	9.9	TH	+8.3	-1.6	72.2		+1650	-35	424,556	2,408,772		
646	1320		" "	-	9.3	TH	+6.6	-2.7	71.1		+1320	-28	424,226	2,408,779		
647	990		" "	-	8.0	TH	+5.0	-3.0	70.8		+990	-21	423,896	2,408,786		
648	660		" "	-	6.1	TH	+3.3	-2.8	71.0		+660	-14	423,566	2,408,793		
IF	614		1° 28' 23"	-	2.3	-	-2.3		71.5	IF	+614	-7	423,520	2,408,800	IF - 423,520 X - 2,408,800 T - Intersect 51,720	
649	330		0° 54'	-	8.2	89°	+5.8	-2.4	71.4		+330	-7	423,236	2,408,800	Modis 4 - FIT Coll. 4 - 2'	
650	0				5.2	-	-5.2		68.6	X	0	0	422,906	2,408,807		
651	330		181° 45'	-2.1	10.8	-	-10.8		63.0		330	+2	422,576	2,408,809		
652	660		180° 34'	-	9.8	-	-9.8		64.0		-660	+18	422,246	2,408,825		
653	990		180° 09'	-	6.2	-	-6.2		67.6		-989	+34	421,917	2,408,841		
654	1320		179° 49'	-	6.9	-	-6.9		66.9		-1319	+53	421,587	2,408,860		
655	1650		179° 46'	-	6.3	-	-6.3		67.5		-1649	-67	421,257	2,408,740		

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
11.6.83		B. Cotcamp		D. Weinkle		6834		B.C.		1		50			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Florida		Dowling Park-7 1/2		FLORIDA		Suwannee								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
									73.8						
656	1980		179° 52' 47"	-2.1°	4.5	-		-4.5		69.3	TP	-1979	+77	420,927	2,408,884
656	1980				4.4	270°		-4.4			TP				
	1980		1° 40' 50"	~ -	5.2	TH	-9.9	-4.7			BS	-1980	+14		
	1980				5.1	TH 20°	-9.9	-4.8	64.5		BS				
657	1650		1° 30'	-2.1°	8.8	89° 30'	+14.4	+5.6		70.1		+1650	-17	420,597	2,408,881
658	1320		~ ~	~ -	11.2	89° 30'	+11.5	+0.3		64.8		+1320	-14	420,267	2,408,884
659	990		~ ~	~ -	8.6	89° 30'	+8.6	±0.0		64.5		+990	-10	419,937	2,408,888
660	660		~ ~	~ -	5.1	89° 30'	+5.8	+0.7		65.2		+660	-7	419,607	2,408,891
661	330		~ ~	~ -	7.4	89° 30'	+2.9	-4.5		60.0		+330	-3	419,277	2,408,895
662	0				5.2	-		-5.2		59.3	π	0	0	418,947	2,408,898
663	330		181° 50'	-2.1°	7.2	-		-7.2		57.3		330	+2	418,617	2,408,900
664	660		~ ~	~ -	9.2	-		-9.2		55.3		660	+3	418,287	2,408,901
664	754		181° 32' 21"	~ ~	8.3	-		-8.3		56.2	≠	-754	+7	418,193	2,408,905
665	990		181° 50'	~ ~	8.1	-		-8.1		56.4		990	+5	417,957	2,408,903
666	1320		~ ~	~ -	10.8	TH	+6.6	-4.2		60.3		1320	+6	417,627	2,408,904
667	1650		~ ~	~ -	9.1	TH	+8.3	-0.8		63.7		1650	+8	417,297	2,408,906
668	1980		181° 37' 48"	-2.4°	1.4	-		-1.4		63.1	TP	-1980	+27	416,967	2,408,925
668	1980				11.3	TH	+9.9	-1.4			TP				

Y=418,270 X=2,408,900
Elev. 56.0

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
11-8-83		D. Wriakle		W. Greenfield		6834		B.C.		1		51			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Florida		Dowling Park - 7 1/2		Florida		Suwannee		Hamilton						h.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
										63.1					
	1275		1044'10"	-24	3.9	-		+3.9			BS	-1275	+15		
	1275				+3.8	270		+3.8	46.9		BS				
669	946		1018'	--	7.2	-		-7.2		59.7		+946	-18	416,638	2,408,922
670	616		" "	--	10.0	BH	-3.1	-13.1		53.8		+616	-12	416,308	2,408,928
671	286		" "	--	11.6	BH	-1.4	-13.0		53.9		+286	-5	415,978	2,408,935
K	0				4.8	-		-4.8		62.1	K	0	0	415,692	2,408,940
672	45		163°2'	-2.4	4.5	-		-4.5		62.4		-43	+15	415,649	2,408,955
71	162		149°35'23"	--	3.8	-		-3.8		63.1	TP	-136	+88	415,556	2,409,028
71	162				4.6	TH	+0.8	-3.8			TP				
K ₁	71 intersect		Elevation 86.0							86.0	K ₁				
71	1916		1°50'50"	-2.4	9.6	89°20'	-22.3	-12.7	123		BS	-1916	+18		
71	1916				+9.4	270°40'	-22.3	-12.9	73.2		BS				
673	1708		1°52'	--	7.9	89°20'	+19.9	+12.0		85.2		+1708	-16	415,422	2,411,632
674	1378		" "	--	6.7	89°20'	+16.0	+9.3		82.5		+1378	-13	415,092	2,411,635
675	1048		" "	--	9.2	89°20'	+12.2	+3.0		76.2		+1048	-10	414,762	2,411,638
676	718		" "	--	11.3	89°20'	+8.4	-2.9		70.3		+718	-7	414,432	2,411,641
677	388		" "	--	11.3	89°20'	+4.5	-6.8		66.4		+388	-4	414,102	2,411,644
678	58		" "	--	6.9	89°20'	+0.7	-6.2		67.0		+58	-1	413,772	2,411,647
K	0				4.8	-		-4.8		68.4	K	0	0	413,714	2,411,648
679	271		183°38'	-2.4	5.8	89°20'	+3.2	-2.6		70.6		+271	-6	413,443	2,411,642

260' (scaled) offset east
 5-415,600 x-2,408,960
 71g-inter. Elev. 62.0
 4-415,630 x-2,411,630
 71g-inter. Elev. 86.0

SURVEY NOTES-HIGH RESOLUTION DATA
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Geosource Inc.

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DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE				
11-8-83		D Winkle		W Greenfield		6834		B.C.		1		52				
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER		
Florida		Mayo - Dowling Park		Florida		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	X
									73.2							
680	601		182° 02'	-24°	9.1	89° 00'	+1.7	-7.4		65.8		-601	+4	413,113	2,411,652	
681	931		181° -	"	8.2	-		-8.2		65.0		-931	+23	412,783	2,411,671	
682	1261		180° 48'	"	5.1	-		-5.1		68.1		-1261	+35	412,453	2,411,683	
683	1591		180° 46'	"	8.3	89° 50'	+4.6	-3.7		69.5		-1590	+45	412,124	2,411,693	
684	1921		180° 38' 11"	"	11.6	-		-11.6	11.5	61.7	TP	-1920	+59	411,794	2,411,707	
684	1921				16.4	270°		-11.4			TP					
	1650		0° 19' 06"	-24°	4.0	89° 40'	-9.6	-5.6			BS	-1649	+60			
	1650				8.8	89° 30'	-14.4	-5.6	56.1		BS					
685	1320		0° 19'	"	8.9	89° 20'	+15.4	+6.5		62.6		+1319	-48	411,464	2,411,719	Dowling Park 7/2 ↑
686	990		"	"	10.5	89° 20'	+11.5	+1.0		57.1		+989	-36	411,134	2,411,731	Mayo - 7/2 ↓
687	660		"	"	9.9	89° 20'	+7.7	-2.2		53.9		+660	-24	410,805	2,411,743	
688	330		"	"	6.5	89° 20'	+3.8	-2.7		53.4		+330	-12	410,475	2,411,755	
689	0				4.8	-		-4.8		51.3	*	0	0	410,145	2,411,767	
690	330		180° 44'	-24°	5.7	89° 20'	+3.8	-1.9		54.2		-330	+10	409,815	2,411,777	
691	660		"	"	11.3	89° 20'	+7.7	-3.6		52.5		-660	+19	409,485	2,411,786	
692	990		"	"	17.3	89° 20'	+11.5	-0.8		55.3		-990	+29	409,155	2,411,796	
693	1319		"	"	8.5	89° 40'	+7.7	-0.8		55.3		-1318	+38	408,827	2,411,805	E.O.L. Line #1
FF	190		0° 49' 02"	"	5.0	89° 40'	+1.1	-3.9		52.2	TP	+190	-5	410,335	2,411,762	FF - 410,305 X - 2411,800 FF 4 way Inter. Et. 520
FF	190				5.6	89° 30'	+1.7	-3.9			TP					