

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE	1-29-84	INSTRUMENT MAN	B. Cotcamp	ROD MAN	W. Greenfield	PARTY NUMBER	6834	NOTES CHECKED BY	KWG	LINE NO.	10	PAGE	1
AREA	FLORIDA	TOPO MAP	Madison-1/2	STATE	FLA.	COUNTY	Madison	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	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
TT	Intersect	EL. 104.0	y-544,945 x-2,339,500							104.0	K				3-544,945 x-2,339,500 TT-Inter. EL. 104.0
	2530		91° 39' 12"	-1.6°	7.9	BH	+12.7	+20.6	124.5		BS	+2	-2530		
	2530				7.8	BH	+12.7	+20.5		BS	-2				
1	2462		91° 23'	"	8.0	BH	-12.3	-20.3		104.2		+9	+2462	544,954	2,339,434
2	2132		" "	"	9.8	BH	-10.7	-20.5		104.0		+8	+2132	544,953	2,339,104
3	1802		" "	"	11.3	BH	-9.0	-20.3		104.2		+7	+1802	544,952	2,338,774
4	1472		91° 23'	-1.6°	9.0	BH	-7.4	-16.4		108.1		+6	+1472	544,951	2,338,444
5	1142		" "	"	8.2	BH	-5.7	-13.9		110.6		+4	+1142	544,949	2,338,114
6	812		" "	"	9.7	BH	-4.1	-13.8		110.7		+3	+812	544,948	2,337,784
7	482		" "	"	11.1	-		-11.1		113.4		+2	+482	544,947	2,337,454
8	153		88° 53'	-1.6°	7.2	-		-7.2		117.3		+7	+153	544,952	2,337,125
T	0				5.2	-		-5.2		119.3	T	0	0	544,945	2,336,992
9	186		297° 18'	"	6.1	-		-6.1		118.4		+81	-168	545,026	2,336,804
10	514		" "	"	6.0	TH	+2.6	-3.4		121.1		+223	-463	545,168	2,336,504
11	844		" "	"	7.1	89° 10'	+12.3	+5.2		129.7		+366	-761	545,311	2,336,211
12	1174		297° 28' 11"	"	5.9	89° 30'	+10.2	+4.3		128.8	TP	+512	-1056	545,455	2,335,918
12	1174		" "	"	5.8	270° 30'	+10.2	+4.4			TP	-2			
	1073		120° 57' 16"	-1.6°	4.5	TH	-5.4	-0.9	127.9		BS	+526	-935		
	1073		" "		5.3	89° 40'	-6.2	-0.9		BS	-2				
13	744		122° 05'	"	9.5	89° 40'	+4.3	-5.2		122.7		-377	+641	545,602	2,335,626
14	452		125° 31' 50"	"	7.7	89° 40'	+2.6	-5.1		122.8	14	-252	+375	545,727	2,335,310

14-545,710 x-2,335,385
14-Inter. EL. 125.0

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE	1-29-84	INSTRUMENT MAN	B. Cotcamp	ROD MAN	W. Greenfield	PARTY NUMBER	6834	NOTES CHECKED BY	KWG	CJ	LINE NO.	10	PAGE	2
AREA	FLORIDA, Georgia	TOPO MAP	Madison - 7 1/2	STATE	FLA.	COUNTY	Madison	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 TP	NORTH + SOUTH -		EAST + WEST -		COORDINATES		REMARKS	
												LAT.	DEP.	Y	X				
									127.9										
14	414		123° 23'	-1.6°	7.9	89° 40'	+2.4	-5.5		122.4		-218	+352	545,761	2,335,337				
15	87		110° 42'	"	6.0			-6.0		121.9		-28	+82	545,951	2,335,067				
Σ	0				5.2	-		-5.2		122.7	Σ	0	0	545,979	2,334,985				
16	251		321° 24'	"	6.9	89° 40'	+1.5	-5.4		122.5		+192	-162	546,171	2,334,823				
17	580		318° 21'	"	8.7	89° 40'	+3.4	-5.3		122.6		+422	-397	546,401	2,334,588				
18	910		317° 39'	"	10.4	89° 40'	+5.3	-5.1		122.8		+655	-632	546,634	2,334,353				
19	1240		317° 12'	"	11.0	89° 40'	+7.2	-3.8		124.1		+886	-868	546,865	2,334,117				MADISON - 7 1/2 ↑
20	1570		" "	"	4.0	89° 40'	+9.1	+5.1		133.0		+1122	-1098	547,101	2,333,887				MERRY LAKE - 7 1/2 ↓
21	1900		317° 36' 13"	-1.4°	3.6	89° 40'	+11.1	+7.5		135.4	TP	+1371	-1315	547,348	2,333,622				
21	1900				3.5	270° 20'	+11.1	+7.6			TP	-2	+2						
	1895		147° 11' 53"	"	4.6	89° 30'	-16.5	-11.9			BS	+1567	-1065						
	1895				4.5	270° 30'	-16.5	-12.0	123.4		BS	-2	+2						
22	1566		148° 04'	-1.4°	9.2	89° 30'	+13.7	+4.5		127.9		-1308	+861	547,605	2,333,470				
23	1236		148° 33'	"	10.7	89° 40'	+7.2	-3.5		119.9		-1038	+670	547,875	2,333,279				
24	906		148° 48'	"	10.5	89° 40'	+5.3	-5.2		118.2		-763	+488	548,150	2,333,097				
25	576		149° 29'	"	8.1	89° 40'	+3.4	-4.7		118.7		-489	+305	548,424	2,332,914				
26	246		" "	"	5.0	89° 30'	+2.1	-2.9		120.5		-209	+130	548,704	2,332,739				
Σ	0				5.2	-		-5.2		118.2	Σ	0	0	548,913	2,332,609				
27	84		331° 08'	-1.4°	5.8	90° 30'	-0.7	-6.5		116.9		+73	-42	548,986	2,332,567				
28	414		" "	"	8.5	90° 30'	-3.6	-12.1		111.3		+358	-209	549,271	2,332,400				

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE	1.29.84	INSTRUMENT MAN	B. Cotcamp	ROD MAN	W. Greenfield	PARTY NUMBER	6834	NOTES CHECKED BY	KWG	LINE NO.	10	PAGE	3
AREA	FLA. Georgia	TOPO MAP	CHERRY LAKE - 7 1/2'	STATE	FLA.	COUNTY	Madison	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	COORDINATES		REMARKS
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.	
									123.4					
29	744		331° 08'	-1.4°	11.0	90° 30'	-6.5	-17.5		105.9		+643	-375	549,556 2,332,234
1P	931		330° 21' 02"	~	10.6	90° 30'	-8.1	-18.7		104.7	1P	+798	-480	549,711 2,332,139 1P h-intersect
30	1074		331° 08'	~	12.9	90° 20'	-6.3	-19.2		104.2		+928	-541	549,841 2,332,068
31	1404		~	~	10.9	90° 20'	-8.2	-19.1		104.3		+1213	-708	550,126 2,331,901
32	1734		~	~	8.7	90° 20'	-10.1	-18.8		104.6		+1498	-874	550,411 2,331,735
33	2063		330° 21'	~	6.7	90° 20'	-12.0	-18.7		104.7		+1782	-1040	550,695 2,331,569
34	2389		328° 49' 11"	~	5.9	90° 20'	-13.9	-19.8		103.7	TP	+2013	-1286	550,924 2,331,325
34	2389				5.7	269° 40'	-13.9	-19.6	-19.7 1/2		TP	-2	+2	
	1857		125° 51' 28"	-1.4°	11.5	84	+9.3	+20.8	124.3		BS	+1051	-1531	
	1857				11.2	84 270	+9.3	+20.5	+20.6 1/2		BS	-2	+2	
35	1527		125° 17'	~	12.0	84	-7.6	-19.6		104.7		-851	+1268	551,122 2,331,064
36	1197		125° 41'	~	9.4	90° 30'	-10.4	-19.8		104.5		-674	+989	551,299 2,330,785
37	867		126° 27'	~	12.3	90° 30'	-7.6	-19.9		104.4		-498	+710	551,475 2,330,506
38	537		127° 24'	~	12.8	90° 30'	-4.7	-17.5		106.8		-316	+434	551,659 2,330,230
39	208		~	~	4.8	90° 30'	-1.8	-6.6		117.7		-122	+168	551,851 2,329,764
π	0				5.2	-		-5.2		119.1	π	0	0	551,973 2,329,776
40	122		312° 35'	-1.4°	5.0	90° 30'	-1.1	-6.1		118.2		+80	-92	552,053 2,329,704
41	452		313° 07'	~	12.6	90° 30'	-3.9	-16.5		107.8		+301	-337	552,274 2,329,459
42	782		314° 05'	~	11.2	90° 40'	-9.1	-20.3		104.0		+530	-575	552,503 2,329,221
43	1112		314° 56'	~	7.3	90° 40'	-12.9	-20.2		104.1		+766	-806	552,739 2,328,990

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE 1-29-84	INSTRUMENT MAN B. Cotcamp	ROD MAN W. Greenfield	PARTY NUMBER 6834	NOTES CHECKED BY KWF CJ	LINE NO. 10	PAGE 4
AREA FLA. - Georgia	TOPO MAP CHERRY LAKE - T ₂ '	STATE FLA.	COUNTY Madison	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		REMARKS
														Y	X	
									124.3							
44	1442		315° 28'	-1.4°	6.7	90° 30'	-12.6	-19.3		105.0		+1003	-1036	552,976	2,328,760	
TP	1506		315° 28' 37"	"	6.0	90° 30'	-13.1	-19.1		105.3	TP	+1048	-1082	553,019	2,328,716	
TP	1506				5.8	269° 30'	-13.1	-18.9	-19.0		TP	"	"			
	2066		138° 30' 13"	"	+14.3	TH	-10.3	+4.0	109.1		BS	+1514	-1406			
	2066				+14.0	TH 270°	-10.3	+3.7	103.8		BS	"	"			
45	1801		138° 14'	-1.4°	11.3	TH	+9.0	-2.3		106.8		-1314	+1232	553,217	2,328,544	
46	1471		137° 47'	"	8.3	TH	+7.4	-0.9		108.2		-1065	+1015	553,466	2,328,327	
47	1142		136° 47'	"	9.2	TH	+5.7	-3.5		105.6		-813	+802	553,718	2,328,114	
48	814		134° 58'	"	5.2	-	-	-5.2		103.9		-561	+590	553,970	2,327,902	
49	486		131° 39'	"	7.0	TH	+2.4	-4.6		104.5		-314	+371	554,217	2,327,683	
±I	482		133° 15' 13"	"	4.9	-	-	-4.9		104.2	±I	-322	+359	554,209	2,327,671	±I - 554,225 x - 2,327,695 T-Intersect
50	158		128° 38'	"	5.3	TH	+0.8	-4.5		104.6		-96	+126	554,435	2,327,438	
X	0				5.2	-	-	-5.2		103.9	X	0	0	554,531	2,327,312	
51	172		308° 29'	-1.4°	5.0	-	-	-5.0		104.1		+104	-137	554,635	2,327,175	
52	502		"	"	5.0	-	-	-5.0		104.1		+303	-400	554,834	2,326,912	
53	832		"	"	4.9	-	-	-4.9		104.2		+502	-664	555,033	2,326,648	
54	1162		"	"	5.0	-	-	-5.0		104.1		+701	-927	555,232	2,326,385	
55	1492		"	"	5.1	-	-	-5.1		104.0		+900	-1190	555,431	2,326,122	
56	1822		"	"	5.0	-	-	-5.0		104.1		+1099	-1454	555,630	2,325,858	
57	2152		"	"	5.3	-	-	-5.3		103.8		+1298	-1717	555,829	2,325,595	

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE 1-29-84	INSTRUMENT MAN B. Cotcamp	ROD MAN W. Greenfield	PARTY NUMBER 6834	NOTES CHECKED BY KWC	LINE NO. 10	PAGE 5
AREA FLA. - Georgia	TOPO MAP CHERRY LAKE-7 1/2	STATE FLA.	COUNTY Madison	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 TP	NORTH + SOUTH -		EAST + WEST -		COORDINATES		REMARKS	
												LAT.	DEP.	Y	X				
									109.1										
58	2480		309° 09' 04"	-1.4°	4.3	90° 02'	-1.4	-5.7		103.5	TP	+1518	-1961	556,047	2,325,353				
58	2480				4.1	269° 58'	-1.4	-5.5	-5.63		TP		+2						
	1318		138° 09' 09"	-1.4°	5.0	-		+5.0	108.4		BS	+960	-903						
	1318				4.8	270° -		+4.8	+4.93		BS		+1						
59	988		138° 47'	-1.4°	7.2	89° 50'	+2.9	-4.3		104.1		-727	+669	556,279	2,325,120				
60	659		139° 58'	-1.4°	6.3	89° 50'	+1.9	-4.4		104.0		-494	+436	556,512	2,324,887				
61	330		143° 18'	-1.4°	5.4	89° 50'	+1.0	-4.4		104.0		-260	+204	556,746	2,324,655				
62	0				5.2	-		-5.2		103.2	TP	0	0	557,006	2,324,451				
71	278		330° 50' 16"	-1.4°	5.2	89° 50'	+0.8	-4.4		104.0	71	+239	-141	557,245	2,324,310				Y=557,245 X=2,324,310 Y-intersect EL. 103.1
63	330		333° 54'	-1.4°	5.2	89° 50'	+1.0	-4.2		104.2		+293	-152	557,299	2,324,299				Line Tie Horizy--21 Corr. X--21
64	660		333° 05'	-1.4°	6.2	89° 50'	+1.9	-4.3		104.1		+581	-313	557,587	2,324,138				
65	989		331° 48'	-1.4°	7.1	89° 50'	+2.9	-4.2		104.2		+860	-489	557,866	2,323,962				
66	1318		330° 16'	-1.4°	8.2	89° 50'	+3.8	-4.4		104.0		+1128	-681	558,134	2,323,770				
1F	1384		329° 24' 34"	-1.4°	8.6	89° 50'	+4.0	-4.6		103.8	1F	+1174	-733	558,180	2,323,718				Y=558,200 X=2,323,710 T-Inter. EL. 104.0
67	1646		329° 02' 05"	-1.4°	5.0	-		-5.0		103.5	TP	+1390	-881	558,396	2,323,570				
67	1646				4.7	270° -		-4.7	-4.93		TP								
	1980		144° 07' 35"	-1.4°	5.7	-		+5.7	109.0		BS	+1576	-1199						
	1980				5.4	270° -		+5.4	+5.53		BS								
68	1650		144° 08'	-1.4°	5.7	-		-5.7		103.3		-1313	+999	558,659	2,323,370				
69	1320			-1.4°	5.4	-		-5.4		103.6		-1050	+799	558,922	2,323,170				

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE	1-30-84	INSTRUMENT MAN	B. Cotcamp	ROD MAN	W. Greenfield	PARTY NUMBER	6834	NOTES CHECKED BY	KWG C.S.	LINE NO.	10	PAGE	6
AREA	FLA. - Georgia	TOPO MAP	CHERRY LAKE - 7 1/2'	STATE	FLA.	COUNTY	Madison	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	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
									109.0						
70	990		144° 08'	-1.4°	5.3	-		-5.3		103.7		-788	+599	559,184	2,322,970
71	660		" "	" "	5.2	-		-5.2		103.8		-525	+400	559,447	2,322,771
72	330		143° 35'	" "	5.1	-		-5.1		103.9		-261	+202	559,711	2,322,573
73	0				5.2	-		-5.2		103.8	TP	0	0	559,972	2,322,371
74	273		333° 29' 26"	-1.4°	5.0	-		-5.0		104.0	TP	+241	-128	560,213	2,322,243
75	333		336° 19'	" "	5.3	-		-5.3		103.7		+302	-141	560,274	2,322,230
76	662		335° 07'	" "	5.3	-		-5.3		103.7		+594	-293	560,566	2,322,078
77	992		335° 22'	" "	5.2	-		-5.2		103.8		+891	-435	560,863	2,321,936
78	1322		335° 39'	" "	5.3	-		-5.3		103.7		+1191	-574	561,163	2,321,799
79	1652		335° 44'	" "	5.0	-		-5.0		104.0		+1489	-716	561,461	2,321,655
80	1981		335° 37'	" "	5.7	TH	+9.9	+4.2		113.2		+1784	-862	561,756	2,321,509
80	2308		334° 30' 29"	" "	4.4	89° 30'	+20.1	+15.7		124.8	TP	+2058	-1044	562,030	2,321,329
80	2308				4.2	270° 30'	+20.1	+15.9	+15.83		TP				
	986		135° 28' 36"	-1.4°	10.2	91° 30'	+25.8	+36.0			BS	+686	-708		
	986				10.1	268° 30'	+25.8	+35.9	160.7		BS				
81	658		132° 05'	" "	7.9	91° 30'	-17.2	-25.1		135.6		-429	+499	562,287	2,321,118
82	330		128° 53'	" "	5.1	91° 30'	-8.6	-13.7		147.0		-201	+262	562,515	2,320,881
83	0				5.2	-		-5.2		155.5	TP	0	0	562,716	2,320,619
84	165		304° 29' 55"	" "	3.4	90° 10'	-0.5	-3.9		156.8	TP	+90	-138	562,806	2,320,481
84	330		308° 58'	" "	5.5	90° 10'	-1.0	-6.5		154.2		+201	-262	562,917	2,320,357

Across station
 5-560,270 x-2,322,210
 4-Intersect EL. 104.0

5-562,845 x-2,320,485
 4-Intersect EL. 157.0

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE			
1-30-84		B. Cotcamp		W. Greenfield		6834		KwG QY		10	7			
AREA		TOPO MAP		STATE		COUNTY		TWP	RANGE	PPM	PARTY MANAGER			
FLA. - Georgia		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.	
									160.7					
85	660		308° 58'	-1.4°	11.1	90° 10'	-1.9	-13.0		147.7		+402	-523	563,118 2,320,096
86	990		" "	" "	8.5	90° 10'	-2.9	-11.4		149.3		+604	-785	563,320 2,319,834
87	1320		308° 57' 26"	" "	3.8	90° 10'	-3.8	-7.6		153.1	TP	+805	-1046	563,521 2,319,573
87	1320				3.7	269° 50'	-3.8	-7.5			TP			
	3079		128° 56' 04"	-1.4°	7.3	BH	+15.4	+22.7	175.5		BS	+1876	-2442	
	3079				6.8	BH 270°	+15.4	+22.2	22.43		BS			
88	2749		128° 56'	" "	10.3	90° 20'	-16.0	-26.3		149.2		-1675	+2180	563,722 2,319,311
89	2419		" "	" "	7.8	90° 28'	-19.7	-27.5		148.0		-1474	+1918	563,923 2,319,049
90	2089		" "	" "	11.2	90° 30'	-18.2	-29.4		146.10		-1273	+1657	564,124 2,318,788
91	1759		" "	" "	7.8	90° 50'	-25.6	-33.4		142.1		-1072	+1395	564,325 2,318,526
92	1429		128° 56'	-1.4°	12.4	90° 50'	-20.8	-31.2		144.3		-871	+1133	564,526 2,318,264
93	1099		" "	" "	12.1	91° -	-19.2	-31.3		144.2		-670	+872	564,727 2,318,003
94	769		" "	" "	9.1	91° -	-13.4	-22.5		153.0		-468	+610	564,929 2,317,741
95	439		" "	" "	5.0	91° -	-7.7	-12.7		162.8		-267	+348	565,130 2,317,479
96	110		" "	" "	5.0	-	-	-5.0		170.5	BT	-67	+87	565,330 2,317,218
Σ	0				5.2	-	-	-5.2		170.3	Σ	0	0	565,397 2,317,131
97	220		304° 36'	-1.4°	5.7	91° -	-3.8	-9.5		166.0		+120	-184	565,517 2,316,947
98	550		302° 26'	" "	9.2	91° 40'	-16.0	-25.2		150.3		+284	-471	565,681 2,316,660
99	880		302° 09'	" "	9.8	92° -	-30.7	-40.5		135.0		+450	-756	565,847 2,316,375
100	1209		301° 35'	" "	9.9	91° 40'	-35.1	-45.0		130.5		+608	-1045	566,005 2,316,086

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE	1-30-84	INSTRUMENT MAN	B. Cotcamp	ROD MAN	W. Greenfield	PARTY NUMBER	6834	NOTES CHECKED BY	C.Y. B.C.	LINE NO.	10	PAGE	8
AREA	FLA. Georgia	TOPO MAP	Cherry Lake - 7 1/2'	STATE	FLA.	COUNTY	Madison	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	COORDINATES		REMARKS
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.	
									175.5					
101	1538		301° 20'	-1.4°	6.0	91° 30'	-40.2	-46.2		129.3		+767	-1333	566,164 2,315,798
IF	1387		300° 55' 52"	--	5.2	91° 40'	-40.3	-45.5		130.0	IF	+683	-1206	566,080 2,315,925 IF T-Intersect EL 128
102	1868		301° 11'	--	6.2	91° 20'	-43.5	-49.7		125.8		+928	-1621	566,325 2,315,510
103	2198		301° 03'	--	8.0	91° 20'	-51.1	-59.1		116.4		+1087	-1910	566,484 2,315,221
104	2528		300° 58'	-1.4°	5.8	91° 20'	58.8	-64.6		110.9		+1247	-2199	566,644 2,314,932 Cherry Lake T 7 1/2'
105	2858		300° 52'	--	6.1	91° 10'	-58.2	-64.3		111.2		+1406	-2488	566,803 2,314,643 Hamburg - 7 1/2' ↓
106	3188		300° 50'	--	11.2	90° 54'	50.1	-61.3		114.2		+1567	-2777	566,964 2,314,354
107	3518		300° 50' 18"	--	7.0	90° 50'	-51.2	-58.2		117.5	TP	+1729	-3063	567,126 2,314,068
107	3518				6.5	269° 10'	-51.2	-57.7	-58.0's		TP			
	2317		120° 59' 18"	-1.4°	+10.3	89° 30'	-20.2	-9.9	107.4		BS	+1144	-2015	
	2317				+9.9	270° 30'	-20.2	-10.3	-10.1's		BS			
108	1987		121° 09'	--	8.2	89° 30'	+17.3	+9.1		116.5		-986	+1725	567,284 2,313,778
109	1658		121° 17'	--	11.5	89° 30'	+14.5	+3.0		110.4		-826	+1438	567,444 2,313,491
110	1328		121° 32'	--	10.3	89° 40'	+7.7	-2.6		104.8		-667	+1149	567,603 2,313,202
111	999		121° 59'	--	9.2	89° 40'	+5.8	-3.4		104.0		-508	+860	567,762 2,312,913
112	670		122° 40'	--	7.3	89° 40'	+3.9	-3.4		104.0		-348	+573	567,922 2,312,626
113	340		122° 42'	--	5.7	89° 40'	+2.0	-3.7		103.7		-177	+291	568,093 2,312,344
114	43		50° 10'	--	5.7	87° 40'	+1.7	-4.0		103.4		+28	+32	568,298 2,312,085
Σ	0				5.2	-		-5.2		102.2	Σ	0	0	568,270 2,312,053

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE 1.30.84	INSTRUMENT MAN B. Cotcamp	ROD MAN W. Greenfield	PARTY NUMBER 6834	NOTES CHECKED BY B.C.	LINE NO. 10	PAGE 9
AREA FLA. - Georgia	TOPO MAP Hamburg-7 1/2'	STATE FLA.	COUNTY Madison	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	COORDINATES		REMARKS
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.	
									107.4					
115	399		325° 23'	-1.4°	6.4	89° 30'	+2.9	-3.5		103.9		+266	-193	568,536 2,311,860
116	659		325° 48'	~	6.9	89° 30'	+5.8	-1.1		106.3		+536	-384	568,806 2,311,669
117	988		326° 53'	~	7.7	89° 30'	+8.6	+0.9		108.3		+814	-560	569,084 2,311,493
118	1213		326° 31' 57"	~	6.2	89° 40'	+7.1	+0.9		108.3	TP	+995	-693	569,265 2,311,360 y-569,320 x-2,311,295 y-Inter. EL. 106.0
118	1318		327° 13'	-1.4°	7.2	89° 40'	+7.7	+0.5		107.9		+1090	-741	569,360 2,311,312
119	1648		327° 50'	~	10.0	89° 40'	+9.6	-0.4		107.0		+1373	-911	569,643 2,311,142
120	1977		328° 07'	~	7.2	89° 50'	+5.8	-1.4		106.0		+1653	-1085	569,923 2,310,968
121	2307		328° 14'	~	7.1	89° 50'	+6.7	-0.4		107.0		+1931	-1262	570,201 2,310,791
122	2637		328° 21'	~	10.8	89° 30'	+23.0	+12.2		119.6		+2210	-1438	570,480 2,310,615
123	2967		328° 25'	~	9.7	89° 20'	+34.5	+24.8		132.2		+2489	-1615	570,759 2,310,438
124	3297		328° 31' 14"	~	10.2	89° 24'	+34.5	+24.3		131.7	TP	+2769	-1790	571,039 2,314,263
124	3297				10.1	270 36	+34.5	+24.4			TP			
	986		136° 44' 29"	-1.4°	10.2	88° -	-34.4	-24.2			BS	+701	-693	
	986				+10.1	272 -	-34.4	-24.3	107.4		BS			
125	659		133° 29'	~	8.1	88° 10'	+21.1	+13.0		120.4		-442	+489	571,298 2,310,059
126	330		130° 40'	~	6.7	89° -	+5.8	-0.9		106.5		-209	+255	571,531 2,309,825
127	0				5.2	-		-5.2		102.2	A	0	0	571,740 2,309,570
128	330		309° 22'	-1.4°	7.0	89° 30'	+2.9	-4.1		103.3		+203	-260	571,943 2,309,310
129	660		~	~	8.0	89° 40'	+3.8	-4.2		103.2		+406	-520	572,146 2,309,050
130	990		~	~	9.8	89° 40'	+5.8	-4.0		103.4		+609	-780	572,349 2,308,790

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE 1-31-84	INSTRUMENT MAN B. Cotcamp	ROD MAN W. Greenfield	PARTY NUMBER 6834	NOTES CHECKED BY CJ	LINE NO. 10	PAGE 10	
AREA FLA - Georgia	TOPO MAP Hamburg - 7 1/2'	STATE FLA.	COUNTY Madison	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		REMARKS
														Y	X	
									107.4							
131	1324		310° 44' 41"	-1.4°	10.3	89° 40'	+7.7	-2.6		104.8	TP	+839	-1024	572,579	2,308,546	
131	1324				10.2	270° 20'	+7.7	-2.5			TP					
	661		162° 33' 34"	" "	3.0	-		+3.0		107.8	BS	+626	-213			
	661				3.0	270° -		+3.0			BS					
132	447		165° 54' 17"	-1.4°	3.7	-		-3.7		104.1	IF	-431	+119	572,774	2,308,452	Y-572,725 X-2,308,495 T-Intersect EL. 105.0
132	330		166° 23'	" "	6.0	TH	+1.7	-4.3		103.5		-319	+86	572,806	2,308,419	
133	0				5.2	-		-5.2		102.6	TP	0	0	573,205	2,308,333	
134	330		352° 53'	-1.4°	6.2	TH	+1.7	-4.5		103.3		+326	-49	573,531	2,308,284	
135	660		" "	" "	5.8	TH	+3.3	-2.5		105.3		+653	-98	573,858	2,308,235	
136	990		" "	" "	6.0	89° 20'	+11.5	+5.5		113.3		+979	-147	574,184	2,308,186	
137	1320		352° 07' 15"	" "	4.8	89° 20'	+15.4	+10.6			TP	+1303	-213	574,508	2,308,177	
137	1320				4.9	270° 40'	+15.4	+10.5		118.3	TP		-3			
	2306		161° 29' 18"	-1.4°	3.2	-		+3.2			BS	+2168	-785			
	2306				3.1	270° -		+3.1		121.4	BS	-2	-2			
138	1978		160° 36'	" "	10.2	-		-10.2		111.2		-1849	+702	574,825	2,308,032	
139	1650		160° 03'	" "	10.0	BM	-8.3	-18.3		103.1		-1537	+601	575,137	2,307,931	
140	1320		159° 51'	" "	12.4	BM	-6.6	-19.0		102.4		-1228	+485	575,446	2,307,815	
141	990		" "	" "	12.7	90° 20'	-5.8	-18.5		102.9		-921	+364	575,753	2,307,694	
142	660		" "	" "	8.2	90° 20'	-3.8	-12.0		109.4		-614	+242	576,060	2,307,572	
143	330		" "	" "	8.9	89° 20'	+3.8	-5.1		116.3		-307	+121	576,367	2,307,451	

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE	1-31-84	INSTRUMENT MAN	B. Cotcamp	ROD MAN	W. Greenfield	PARTY NUMBER	6834	NOTES CHECKED BY	KWG C Y	LINE NO.	10	PAGE	11
AREA	FLA. - Georgia	TOPO MAP	Hamburg - 7 1/2'	STATE	FLA.	COUNTY	Madison	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 -		EAST + WEST -		COORDINATES		REMARKS	
												LAT.	DEP.	Y	X				
									121.4										
144	0				5.2	-		-5.2		116.2	π	0	0	576,674	2,307,330				
145	89		331° 33' 18"	-14°	5.5	-		-5.5		115.9	π	+77	-44	576,751	2,307,286				y=576,674 x=2,307,295 T-Intersect EL. 1170
146	330		340° 00'	vv	8.4	-		-8.4		113.0		+307	-120	576,981	2,307,210				
147	660		" "	vv	12.3	-		-12.3		109.1		+615	-241	577,289	2,307,089				
148	990		" "	vv	10.8	BH	-5.0	-15.8		105.6		+922	-361	577,596	2,306,969				
149	1320		339° 50'	vv	10.1	BH	-6.6	-16.7		104.7		+1228	-485	577,902	2,306,845				
149	1648		338° 46' 12"	-1.6	9.4	BH	-8.2	-17.6		103.9	TP	+1519	-639	578,192					
149	1670				9.2	BH 270-	-8.2	-17.4	-17.5 1/3		TP	-1	-1						2,306,690
	1670		143° 00' 54"	-1.6	1.8	-		+1.8			BS	+1305	-1042						
	1670				1.7	270-		+1.7	105.6		BS	-1	-1						
150	1342		141° 55'	-1.6	9.8	TH	+6.7	-3.1		102.5		-1033	+857	578,463	2,306,504				
151	1012		142° 02'	vv	9.2	TH	+5.1	-4.1		101.5		-780	+645	578,716	2,306,392				
152	682		143° 05'	vv	7.9	TH	+3.4	-4.5		101.1		-534	+425	578,962	2,306,072				
153	352		143° 33'	vv	6.2	TH	+1.8	-4.4		101.2		-277	+217	579,219	2,305,864				
154	37		94° 07'	vv	4.6	TH	+0.2	-4.4		101.2		-2	+37	579,494	2,305,684				
π	0				5.2	-		-5.2		100.4	π	0	0	579,496	2,305,647				
155	315		342° 24'	-1.6	4.8	-		-4.8		100.8		+297	-104	579,793	2,305,543				
156	644		341° 58'	vv	7.8	TH	+3.2	-4.6		101.0		+607	-216	580,103	2,305,431				
157	974		342° 57'	vv	8.8	TH	+4.9	-3.9		101.7		+923	-311	580,419	2,305,336				
158	1304		343° 09'	vv	9.9	TH	+6.5	-3.4		102.2		+1237	-413	580,733	2,305,234				

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE	1-31-84	INSTRUMENT MAN	B. Cotcamp	ROD MAN	W. Greenfield	PARTY NUMBER	6834	NOTES CHECKED BY	KWG	CLY	LINE NO.	10	PAGE	12
AREA	FLA. - Georgia	TOPO MAP	Hamburg-7 1/2'	STATE	FLA.	COUNTY	Madison	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	COORDINATES		REMARKS
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.	
									105.6					
159	1634		343° 21'	-1.6°	11.8	TU	+8.2	-3.6		102.0		+1552	-512	581,048 2,305,135
160	1962		342° 46 19"	"	4.1	-		-4.1		101.5	TP	+1856	-636	581,351 2,305,010
160	1962				4.0	270-		-4.0			TP	"	"	2,304,851
	1769		146° 14 01"	"	14.1	TU	-8.8	+5.3			BS	+1443	-1024	
	1769			"	14.0	TU 270-	-8.8	+5.2	106.7		BS	"	"	
161	1612		145° 56 24"	-1.6°	5.7	-		-5.7		101.0	TI	-1310	+940	581,483 2,304,925 # Y=581,460 X=2,304,965 T-Intersect EL. 101.0
161	1442		144° 42'	"	5.4	-		-5.4		101.3		-1153	+866	581,640 2,304,851
162	1112		143° 58'	"	5.9	-		-5.9		100.8		-881	+679	581,912 2,304,664
163	783		142° 32'	"	9.5	TU	+3.9	-5.6		101.1		-608	+493	582,185 2,304,478
164	454		139° 32'	"	5.2	-		-5.2		101.5		-337	+304	582,456 2,304,289
165	124		137° 55'	"	5.2	-		-5.2		101.5		-90	+86	582,703 2,304,071
π	0				5.2	-		-5.2		101.5	π	0	0	582,793 2,303,985
166	206		310° 30'	-1.6°	5.3	89 10	+3.0	-2.3		104.4		+129	-160	582,922 2,303,825
167	536		309° 40'	"	5.0	89 10	+7.8	-2.8		103.9		+330	-422	583,123 2,303,563
168	864		308° 02'	"	6.9	89 -	+15.1	+8.2		114.9		+513	-695	583,306 2,303,290
169	1194		307° 27'	"	5.9	89 -	+20.8	+14.9		121.6		+699	-968	583,492 2,303,017
170	141523		306° 48'	"	9.9	88 40	+35.4	+25.5		132.2		+878	-1245	583,671 2,302,740
171	1853		306° 42'	"	6.3	88 40	+43.1	+36.8		143.5		+1065	-1516	583,858 2,302,469
172	2183		306° 32'	"	5.3	88 36	+53.3	+48.0		154.7		+1250	-1790	584,043 2,302,195

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE	1-31-84	INSTRUMENT MAN	B. Cotcamp	ROD MAN	W. Greenfield	PARTY NUMBER	6834	NOTES CHECKED BY	CY B.C.	LINE NO.	10	PAGE	13
AREA	FLA. - Georgia	TOPO MAP	Hamburg - 7 1/2'	STATE	FLA.	COUNTY	Madison	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	NORTH + SOUTH -		EAST + WEST -		COORDINATES		REMARKS	
												LAT.	DEP.	Y	X				
									106.7										
173	2513		306° 32' 31"	-1.6°	1.4	88° 38'	+59.9	+58.5	586.3	165.3	TP	+1439	-2059	584,231	2,301,925				
173	2513				1.1	271° 22'	+59.9	+58.8		TP			-1	-1					
	2309		129° 25' 49"	--	10.2	89° 50'	-6.7	+3.5	168.7		BS	+1416	-1824						
	2309				10.1	276° 10'	-6.7	+3.4		BS			-1	-1					
174	1980		129° 40'	-1.6°	7.7	89° 50'	+5.8	-1.9		166.8		-1221	+1559	584,425	2,301,659				
175	1650		" "	--	11.9	89° 50'	+4.8	-7.1		161.6		-1017	+1299	584,629	2,301,399				
176	1320		129° 36'	--	11.1	-		-11.1		157.6		-813	+1040	584,833	2,301,140				
177	990		129° 25'	--	9.2	BM	-5.0	-14.2		154.5		-607	+782	585,039	2,300,682				
178	660		129° 12'	--	11.2	-		-11.2		157.5		-403	+523	585,243	2,300,627				
TP	385		129° 58' 47"	--	6.6	-		-6.6		162.1	TP	-239	+302	585,407	2,300,402			3- 585,400 X-2,300,395 4- 4 way int. EL. 161.0	
179	330		127° 20'	--	7.2	TM	+1.7	-5.5		163.2		-193	+268	585,453	2,300,368				
180	0				5.2	-		-5.2		163.5	X	0	0	585,646	2,300,100				
181	330		306° 53'	-1.6°	5.5	91° 30'	-8.6	-14.1		154.6		+191	-269	585,837	2,299,831				
182	660		" "	--	6.1	91° 30'	-17.3	-23.4		145.3		+381	-539	586,027	2,299,561				
183	990		" "	--	6.8	91° 30'	-25.9	-32.7		136.0		+572	-808	586,218	2,299,292				
184	1320		307° 47'	--	7.9	91° 10'	-26.9	-34.8		133.9		+779	-1065	586,425	2,299,035				
185	1648		308° 58'	--	5.9	91°	-28.8	-34.7		134.0		+1000	-1310	586,646	2,298,790				
TP	1787		309° 20' 06"	--	6.2	91°	-31.2	-37.4	-37.33	131.4	TP	+1094	-1413	586,739	2,298,686				
TP	1787				6.0	269°	-31.2	-37.2		TP			-1	-1					

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE	1.31.84	INSTRUMENT MAN	B. Cotcamp	ROD MAN	W. Greenfield	PARTY NUMBER	6834	NOTES CHECKED BY	MWF C.J.	LINE NO.	10	PAGE	14	
AREA	FLA. - Georgia	TOPO MAP	HAMBURG-7 1/2'	STATE	FLA.	COUNTY	Madison	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		REMARKS	
														Y	X		
									168.7								
	2168		129° 13' 12"	-1.3	11.1	89° 20'	-25.2	-14.1	117.2		BS	+1332	-1710				
	2168			+	10.8	270° 40'	-25.2	-14.4	-142.3		BS	-	-				
186	1978		128° 35'	~	6.6	89° 30'	+17.3	+10.7		127.9		-1198	+1574	586.872	2,298,549		
187	1649		127° 57'	~	10.2	89° 30'	+14.4	+4.2		121.4		-984	+1323	587.086	2,298,298		
IF	1556		128° 16' 01"	~	11.3	89° 30'	+13.6	+2.3		119.5	IF	-936	+1243	587.134	2,298,218	5-587.115 X-2,298,230 IF T-Inter. EL. 118.0	
188	1320		127° 42'	~	8.9	89° 40'	+7.7	-1.2		116.0		-783	+1062	587.287	2,298,037	HAMBURG-7 1/2' T	
189	990		" "	~	8.8	89° 40'	+5.8	-3.0		114.2		-587	+797	587.483	2,297,772	BADEN -7 1/2' ↓	
190	660		128° 05'	~	8.0	89° 40'	+3.8	-4.2		113.0		-395	+529	587.675	2,297,504		
191	330		129° 05'	~	6.3	89° 40'	+1.9	-4.4		112.8		-202	+261	587.868	2,297,236		
192	0				5.2	-		-5.2		112.0	T	0	0	588,070	2,296,975		
193	330		315° 27'	-1.3	6.6	89° 40'	+1.9	-4.7		112.5		+230	-237	588,300	2,296,738		
194	659		319° 01'	~	8.3	89° 40'	+3.8	-4.5		112.7		+488	-443	588,558	2,296,582		
±	788		319° 09' 43"	~	8.9	89° 40'	+4.6	-4.3		112.9	±	+584	-529	588,654	2,296,446	5-588,665 X-2,296,405 ± T-Inter. EL. 112.0	
195	988		321° 25'	~	10.1	89° 40'	+5.8	-4.4		112.8		+758	-634	588,828	2,296,341		
196	1318		321° 45'	~	7.3	89° 50'	+3.8	-3.5		113.7		+1016	-839	589,086	2,296,136		
TP	1536		320° 36' 36"	~	7.3	89° 50'	+4.5	-2.8		114.4	TP	+1165	-1001	589,234	2,295,973		
TP	1536				7.2	270° 10'	+4.5	-2.7			TP	-	-				
	1768		119° 08' 07"	-1.1	11.2	90° 50'	+25.7	+36.9	151.1		BS	+831	-1560				
	1768			+	10.9	269° 10'	+25.7	+36.6	+36.7		BS	-	-				

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE	1-31-84	INSTRUMENT MAN	B. Cotcamp	ROD MAN	W. Greenfield	PARTY NUMBER	6834	NOTES CHECKED BY	RWG	CJ	LINE NO.	10	PAGE	15
AREA	FLA. - Georgia	TOPO MAP	Baden - 7 1/2"	STATE	FLA.	COUNTY	Madison	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 TP	NORTH + SOUTH -		EAST + WEST -		COORDINATES		REMARKS	
												LAT.	DEP.	Y	X				
									151.1										
197	1660		118° 38'	-1.1°	11.9	90° 50'	-24.1	-36.0		115.1		-767	+1472	589,297	2295,884				
198	1330		" "	" "	8.8	90° 50'	-19.3	-28.1		123.0		-615	+1179	589,449	2295,591				
199	1001		119° 16'	" "	9.2	90° 50'	-14.6	-23.8		127.3		-473	+882	589,591	2295,294				
200	672		120° 47'	" "	10.4	90° 50'	-9.8	-20.2		130.9		-333	+584	589,731	2294,996				
201	342		120° 54'	" "	5.8	90° 50'	-5.0	-10.8		140.3		-170	+297	589,894	2294,709				
202	52		49° 58'	" "	5.0	89° 40'	+0.3	-4.7		146.4		+34	+39	590,098	2294,451				
$\bar{\pi}$	0				5.2	-		-5.2		145.9	$\bar{\pi}$	0	0	590,064	2294,412				
203	333		328° 45'	-1.1°	4.8	91° 20'	-7.7	-12.5		138.6		+281	-178	590,345	2294,234				
204	663		328° 35'	" "	12.3	91° 20'	-15.4	-27.7		123.4		+559	-356	590,623	2294,056				
205	992		329° 30'	" "	10.3	91° 50'	-31.7	-42.0		109.1		+845	-520	590,909	2293,892				
206	1321		329° 56'	" "	11.4	91° 20'	-30.7	-42.1		109.0		+1130	-684	591,194	2293,728				
207	1651		330° 02'	" "	9.3	90° 50'	-24.0	-33.3		117.8		+1414	-852	591,478	2293,560				
208	1979		329° 00' 29"	" "	6.6	90° 30'	-17.3	-23.9		127.2	TP	+1677	-1051	591,740	2293,366				
208	1979				6.5	269° 30'	-17.3	-23.8			TP	-	-						
	1318		129° 29' 29"	-1.1°	12.7	BH	+6.6	+19.3			BS	+819	-1033						
	1318				+12.6	BH 20-	+6.6	+19.2			BS	-	-						
209	990		128° 00'	" "	7.9	BH	-5.0	-12.9		133.6		-594	+792	591,964	2293,118				
210	660		" "	" "	10.0	-		-10.6		136.5		-396	+528	592,162	2292,854				
211	330		" "	" "	6.3	TH	+1.7	-4.7		141.8		-198	+264	592,360	2292,590				
212	0				5.2	-		-5.2		141.3	$\bar{\pi}$	0	0	592,558	2292,326				

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE	2.1.84	INSTRUMENT MAN	B. Cotcamp	ROD MAN	W. Greenfield	PARTY NUMBER	6834	NOTES CHECKED BY	CJ	B.C.	LINE NO.	10	PAGE	16
AREA	FLA. - Georgia	TOPO MAP	BADEN - 7 1/2'	STATE	FLA.	COUNTY	Madison	TWP		RANGE	PPM	PARTY MANAGER		

STATION NO.	SLOPE DISTANCE	PLOTING 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			
									146.5									
213	330		308° 07'	-1.1°	8.8	90° 40'	-3.8	-12.6		133.9		+199	-263	592,757	2,292,063			
214	660		" "	" "	10.7	90° 40'	-7.7	-18.4		128.1		+397	-527	592,955	2,291,799			
215	990		" "	" "	9.3	90° 40'	-11.5	-20.8		125.7		+596	-790	593,154	2,291,536			
R.R. TRACK	1076		307° 24' 59"	" "	8.2	90° 40'	-12.5	-20.7		125.8	R.R.	+637	-867	593,195	2,291,459			5-593,215 x 2,291,480 R.R. TRACKS
Bm	1105		305° 13' 48"	" "	3.8	90° 54'	-17.4	-21.2		125.3	Bm	+620	-915	593,178	2,291,411			5-593,200 x 2,291,335 U.S.C. + G.S. Bm EL. 124.8
216	1320		308° 07'	" "	9.7	90° 30'	-11.5	-21.2		125.3		+795	-1054	593,353	2,291,272			
217	1650		" "	" "	10.9	90° 10'	-4.8	-15.7		130.8		+993	-1317	593,551	2,291,009			
218	1980		" "	" "	5.9	89° 50'	+5.8	-0.1		146.4		+1192	-1581	593,750	2,290,745			
219	2310		308° 07' 49"	" "	6.3	89° 40'	+13.4	+7.1		153.7	TP	+1391	-1844	593,948	2,290,481			
219	2310				6.1	270° 20'	+13.4	+7.3			TP	-	-					
	989		129° 01' 34"	-1.1°	11.2	87° 40'	-40.3	-29.1	124.6		BS	+607	-779					
	989				11.2	272° 20'	-40.3	-29.1			BS	-	-					
220	660		129° 47'	" "	6.0	87° 20'	+30.7	+24.7		149.3		-413	+515	594,141				
221	330		131° 36'	" "	5.3	87° 20'	+15.3	+10.0		134.6		-214	+251	594,340				
222	0				5.2	-		-5.2		119.4	TP	0	0	594,554	2,289,701			
223	330		321° 16'	-1.1°	6.8	89° 20'	-7.7	-14.5		110.1		+253	-211	594,807	2,289,490			
224	654		326° 12' 23"	" "	8.6	91° 20'	-15.2	-23.8		100.8	TP	+536	-374	595,089	2,289,326			
224	654				10.6	91° 10'	-13.3	-23.9			TP	-	-					
	249		73° 47' 52"	" "	7.5	-		+7.5	108.3		BS	-74	-238					
	249				6.2	Bm	+1.2	+7.4			BS	-	-					

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE 2-1-84	INSTRUMENT MAN B. Gotcamp	ROD MAN W. Greenfield	PARTY NUMBER 6834	NOTES CHECKED BY C.S.	LINE NO. 10	PAGE 17
AREA FLA. - Georgia	TOPO MAP Baden - 7 1/2'	STATE FLA.	COUNTY Madison	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				
									108.3										
#1	50		82° 28' 53"	-1.1°	4.4	-		-4.4		103.9	#1	+7	+49	595,021	2,289,136			y=595,020 x=2,289,170 T-INTER. EL. 104.0	
π	0				5.2	-		-5.2		103.1	π	0	0	595,014	2,289,087	230,633	684,236		
225	126		345° 16'	-1.1°	5.7	-		-5.7		102.6		+121	-34	595,135	2,289,053				
226	453		335° 48'	--	8.6	-		-8.6		99.7		+410	-194	595,424	2,288,93				
227	783		335° 58'	--	9.1	-		-9.1		99.2		+709	-333	595,723	2,288,954				
228	1113		336° 42'	--	9.6	-		-9.6		98.7		+1014	-460	596,028	2,288,627			Georgia COORD. SYSTEM y=596,195 x=2,288,585 T-INTER. EL. 99.0	
1F	1300		336° 31' 34"	-1.1°	9.4	-		-9.4		98.9	1F	+1182	-541	596,195	2,288,545			Horiz COOR. y=-19.1 x=-22.1 FLORIDA COORD.	
229	1442		336° 45' 53"	--	10.3	-		-10.3		98.0	TP	+1314'	-594'	231,946	683,642				
229	1442				10.2	270°-		-10.2			TP								
	657		152° 55' 56"	-1.1°	9.1	-		+9.1			BS	+579	-310						
	657				+9.0	270°-		+9.0	107.0		BS								
230	330		149° 12'	--	5.7	90° 20'	-1.9	-7.6		99.4		-280	+174	232,245	683,506				
231	0				5.2	-		-5.2		101.8	π	0	0	232,525	683,332				
232	330		326° 24'	-1.1°	8.3	89° 20'	+3.8	-4.5		102.5		+271	-188	232,796	683,144				
233	660		--	--	11.7	89° 20'	+7.7	-4.0		103.0		+543	-376	233,068	682,956				
234	991		326° 08' 47"	--	6.8	89° 40'	+5.8	-1.0		106.6	TP	+812	-568	233,337	682,764				
234	991				6.7	270° 20'	+5.8	-0.9			TP								
	988		129° 28' 12"	--	+7.0	91°-	+17.2	+24.2	130.2		BS	+613	-774						
	988				+6.9	269°-	+17.2	+24.1			BS								

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE							
2-2-84		B. Cotcamp		W. Greenfield		6834		C.J. B.C.		10		18							
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER					
FLA. - Georgia		Baden - 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				
									130.2										
235	660		128° 51'	-1.1°	7.0	91°	-11.5	-18.5		111.7		-404	+522	233,546	682,512				
236	330		" "	" "	9.4	-		-9.4		120.8		-202	+261	233,748	682,251				
237	0				5.2	-		-5.2		125.0	π	0	0	233,950	681,990				
238	330		308° 46'	-1.1°	9.0	91°	-5.8	-14.8		115.4		+202	-261	234,152	681,729				
239	660		" "	" "	10.9	91° 10'	-13.4	-24.3		105.9		+403	-522	234,353	681,468				
1K	756		308° 33' 40"	" "	10.1	91° 10'	-15.4	-25.5		104.7	1K	+460	-600	234,410	681,390				Y=234,400 X=681,395 1K T-Inter. EL. 105.0
240	990		308° 46'	" "	9.0	91° 10'	-20.2	-29.2		101.0		+604	-784	234,554	681,206				
241	1320		" "	" "	5.2	91° 10'	-26.9	-32.1		98.1		+807	-1045	234,757	680,945				
242	1650		" "	" "	5.7	91°	-28.8	-34.5		95.7		+1008	-1306	234,958	680,684				
243	1978		308° 48' 44"	-1.3	11.1	91°	-34.5	-35.6		94.7	TP	+1204	-1569	235,151	680,421				
243	1978				0.8	269°	-34.5	-35.3			TP								
	1649		127° 01' 35"	-1.3	4.7	-		+4.7		99.3	BS	+963	-1339						
	1649				+4.5	270°		+4.5			BS								
244	1320		126° 55'	" "	4.7	-		-4.7		94.6		-769	+1073	235,348	680,155				
245	990		126° 57'	" "	5.0	-		-5.0		94.3		-577	+804	235,540	679,886				
246	660		127° 14'	" "	4.8	-		-4.8		94.5		-387	+534	235,730	679,616				
247	330		127° 42'	" "	6.3	TM	+1.7	-4.6		94.7		-196	+266	235,921	679,348				
248	0				5.2	-		-5.2		94.1	π	0	0	236,117	679,082				
249	330		314° 02'	-1.3	6.5	89° 40'	+1.9	-4.6		94.7		+224	-242	236,341	678,840				
250	660		" "	" "	7.3	89° 40'	+3.8	-3.5		95.8		+448	-485	236,565	678,597				

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE				
2.2.84		B. Cotcamp		W. Greenfield		6834		C.S. B.C.		16		19				
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER		
GA. Georgia		Baden - 7 1/2												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
									99.3							
251	990		314° 02'	-1.3°	7.2	89° 40'	+5.8	-1.4		97.9		+672	-727	236,789	678,355	FLORIDA - Madison Co.
252	1319		314° 03' 28"	"	8.2	89° 40'	+7.7	-0.5		98.8	TP	+895	-968	237,012	678,114	Georgia - Brooks Co.
252	1319				8.1	270° 20'	+7.7	-0.4			TP					
	657		116° 34' 24"	-1.3°	3.6	-		+3.6	102.4		BS	+281	-594			
	657				6.9	TH	-3.3	+3.6			BS					
253	330		114° 33'	"	6.0	TH	+1.7	-4.3		98.1		-130	+303	237,163	677,823	
254	0				5.2	-		-5.2		97.2	T	0	0	237,293	677,520	
255	330		288° 25'	"	7.5	89° 20'	+3.8	-3.7		98.7		+97	-315	237,390	677,205	
256	660		288° 32'	"	9.2	89° 20'	+7.7	-1.5		100.9		+196	-630	237,489	676,890	
257	990		288° 45'	"	10.2	89° 20'	+11.5	+1.3		103.7		+297	-944	237,590	676,576	
258	1320		" "		9.3	89° 20'	+15.4	+6.1		108.5		+396	-1259	237,689	676,261	
259	1650		288° 52' 23"	-1.3°	5.6	89° 20'	+19.2	+13.6		116.0	TP	+498	-1573	237,791	675,947	
259	1650				5.5	270° 40'	+19.2	+13.7			TP					
	1273		111° 02' 59"	"	8.5	90° 40'	+14.8	+23.3			BS	+430	-1198			
	1273				8.4	269° 20'	+14.8	+23.2	139.2		BS					
260	943		111° 06'	"	8.9	90° 30'	-8.2	-17.1		122.1		-319	+887	237,902	675,636	
261	614		" "	"	7.9	90° 30'	-5.4	-13.3		125.9		-208	+578	238,013	675,327	
#	430		111° 40' 26"	"	6.2	90° 30'	-3.8	-10.0		129.2	#	-150	+403	238,071	675,152	JJ 5-238,060 X-675,095 4 way Int. EL. 129.0
262	285		111° 48'	"	7.6	90° 20'	-1.7	-9.3		129.9		-100	+267	238,121	675,016	
T	0				5.2	-		-5.2		134.0	T	0	0	238,221	674,749	

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-2-84		B. Cotcamp		W. Greenfield		106834		CJ		10		20			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Georgia		Bacon - 7 1/2'		Georgia		Brooks								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
									139.2						
263	49		322° 44'	-1.3°	5.8	88° 30'	+1.3	-4.5		134.7		+38	-31	238,259	674,718
264	378		306° 35'	--	6.9	89° 40'	+2.2	-4.7		134.5		+218	-309	238,439	674,440
265	708		305° 56'	--	9.0	89° 40'	+4.1	-4.9		134.3		+402	-583	238,623	674,166
266	1038		--	--	9.8	89° 40'	+6.0	-3.8		135.4		+590	-854	238,811	673,895
267	1368		--	--	8.3	--	--	-8.3		130.9		+777	-1126	238,998	673,623
TP	1547		305° 59' 46"	--	13.7	--	--	-13.7		125.5	TP	+881	-1272	239,102	673,477
TP	1547				13.6	270°	--	-13.6			TP				
	1283		128° 19' 28"	-1.3°	7.7	89°	-22.4	-14.7			BS	+772	-1024		
	1283				+7.6	271°	-22.4	-14.8	110.8		BS	+1			
268	1133		128° 14'	--	7.8	89°	+19.8	+12.0		122.8		-681	+906	239,194	673,359
269	803		127° 36'	--	7.4	89°	+14.0	+6.6		117.4		-475	+647	239,400	673,100
270	474		126° 09'	--	7.0	89°	+8.3	+1.3		112.1		-271	+389	239,604	672,842
271	145		122° 25'	--	5.8	89°	+2.5	-3.3		107.5		-75	+124	239,800	672,577
π	0				5.2	--	--	-5.2		105.6	π	0	0	239,875	672,453
272	185		300° 15'	-1.3°	6.3	--	--	-6.3		104.5		+90	-162	239,965	672,291
273	515		298° 21'	--	7.8	--	--	-7.8		103.0		+234	-459	240,109	671,994
274	845		297° 42'	--	5.7	--	--	-5.7		105.1		+376	-757	240,251	671,696
275	1175		--	--	7.3	--	--	-7.3		103.5		+522	-1052	240,397	671,401
276	1504		298° 06' 14"	--	7.2	--	--	-7.2		103.6	TP	+678	-1342	240,554	671,111
276	1504				7.1	270°	--	-7.1			TP	+1			

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE							
2.2.84		B. Cotcamp		W. Greenfield		6834		C.S.		10		21							
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER					
Georgia		Baden - 7 1/2		Georgia		Brooks								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				
									103.6										
	1195		128° 10' 04"	-1.3°	8.8	-		+8.8	112.4		BS	+717	-956						
	1195				8.7	270°		+8.7			BS	"							
277	865		127° 57'	-	9.0	TH	+4.3	-4.7		107.7		-516	+694	240,956	670,849				
278	535		127° 46'	-	7.1	-		-7.1		105.3		-318	+430	240,954	670,585				
279	205		124° 51'	-	5.4	-		-5.4		107.0		-113	+171	241,159	670,326				
X	0				5.2	-		-5.2		107.2	X	0	0	241,272	670,155				
280	125		300° 19'	-1.3°	4.7	TH	+0.6	-4.1		108.3		+61	-109	241,333	670,046				
281	455		298° 50'	-	6.2	-		-6.2		106.2		+210	-403	241,482	669,752				
282	785		298° 35'	-	7.3	TH	+3.9	-3.4		109.0		+360	-698	241,632	669,457				
283	1112		299° 00' 51"	-	3.9	TH	+5.6	+1.7	114.1		TP	+517	-984	241,790	669,171				
283	1112				3.8	TH 270°	+5.6	+1.8			TP	"							
	1459		130° 22' 53"	-1.3°	14.5	90° 50'	+21.2	+35.7	149.8		BS	+920	-1132						
	1459				14.4	269° 10'	+21.2	+35.6			BS	"							
284	1128		130° 31'	-	11.0	90° 50'	-16.4	-27.4		122.4		-713	+874	241,998	668,913				
285	798		130° 46'	-	9.2	90° 30'	-7.0	-16.2		133.6		-507	+616	242,204	668,655				
286	468		130° 21'	-	8.4	-		-8.4		141.4		-295	+363	242,416	668,402				
287	140		125° 57'	-	5.6	-		-5.6		144.2		-80	+115	242,631	668,154				
X	0				5.2	-		-5.2		144.6	X	0	0	242,711	668,039				
288	192		316° 58'	-1.3°	4.3	89° 20'	+2.2	-2.1		147.7		+137	-134	242,848	667,805				
289	521		314° 36'	-	9.2	90° 20'	-3.0	-12.2		137.6		+357	-379	243,068	667,660				

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE 2-2-84	INSTRUMENT MAN B. Cotcamp	ROD MAN W. Greenfield	PARTY NUMBER 6834	NOTES CHECKED BY CJ	LINE NO. 10	PAGE 22
AREA Georgia	TOPO MAP Grooverville - 7 1/2	STATE Georgia	COUNTY Brooks	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	COORDINATES		REMARKS		
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y	X
									149.8							
290	599		314° 00' 40"	-1.3°	11.6	90° 20'	-3.5	-15.1		134.7	IF	+406	-440	243,117	667,599	IF 3-243,100 X-667,600 4 WAY
291	851		313° 41'	"	17.7	90° 30'	-7.4	-25.1		124.7		+574	-629	243,285	667,410	
292	1179		312° 23'	"	17.2	90° 46'	-13.7	-30.9		118.9	TP	+775	-889	243,486	667,150	
293	1509		312° 47'	"	14.5	90° 30'	-13.2	-27.7		122.1	TP	+1000	-1130	243711	666,909	
293	1838		313° 21' 29"	"	2.7	90° 30'	-16.0	-18.7		131.1	TP	+1231	-1365	243943	666,674	
	1838				2.6	269° 30'	-16.0	-18.6			TP	"				
	990		138° 18' 43"	-1.3°	11.6	91° 40'	+28.8	+39.8	170.9		BS	+724	-675			
	990			"	8.1	91° 50'	+31.7	+39.8			BS	"				
294	660		137° 23'	"	11.6	91° 20'	-14.6	-26.2		144.7		-475	+458	244,193	666,457	
295	770		138° 09' 35"	"	11.6	91° 20'	-17.9	-29.5		141.4	IF	-562	+526	244,106	666,525	IF 3-244,110 X-666,525 T-ROAD
296	330		135° 45'	"	12.0	90° 10'	-1.0	-13.0		157.9		-231	+236	244,437	666,235	
297	0				5.2	-		-5.2		165.7	T	0	0	244,668	665,999	
297	330		315° 29'	-1.3°	8.0	90° 40'	-3.8	-11.8		159.1		+230	-237	244,898	665,762	
298	660		315° 02'	"	9.1	91° 50'	-21.1	-30.2		140.7		+456	-477	245,124	665,522	BADEN - 7 1/2' T
299	989		314° 29' 58"	"	9.2	91° 40'	-28.8	-38.0		132.9	TP	+677	-721	245,345	665,277	GROOVERVILLE - 7 1/2' D
299	989				6.3	91° 50'	-31.6	-37.9			TP					
	657		112° 33' 12"	-1.3°	1.5	TH	-3.3	-1.8	131.1		BS	+238	-612			
	657			"	0.1	89° 50'	-1.9	-1.8			BS					
300	330		108° 15'	"	7.0	89° 10'	+4.8	-2.2		128.9		-96	+316	245,487	664,980	
301	0				5.2	-		-5.2		125.9	T	0	0	245,583	664,664	

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE	2.3.84	INSTRUMENT MAN	B. Cotcamp	ROD MAN	W. Greenfield	PARTY NUMBER	6834	NOTES CHECKED BY	CY B.C.	LINE NO.	10	PAGE	23
AREA	Georgia	TOPO MAP	Greenville-7 1/2	STATE	Georgia	COUNTY	Brooks	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	COORDINATES		REMARKS
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.	
									131.1					
302	330		287° 59'	-1.3°	6.9	89° 10'	+4.8	-2.1		129.0		+95	-316	245,678 664,348
303	660		" "	" "	8.1	89° 10'	+9.6	+1.5		132.6		+189	-632	245,772 664,032
304	990		" "	" "	7.6	89° 10'	+14.4	+6.8		137.9		+284	-948	245,867 663,716
305	1320		" "	" "	7.8	88° 40'	+30.7	+22.9		154.0		+379	-1264	245,962 663,400
306	1650		" "	" "	3.0	88° 40'	+38.4	+35.4		166.5		+474	-1581	246,057 663,083
307	1979		287° 53' 30"	-1.1°	8.2	88° 38'	+47.2	+39.0	}	170.1	TP	+572	-1894	246,155 662,769
307	1979		" "	" "	8.1	271° 22'	+47.2	+39.1		TP			-	-
	1519		107° 50' 23"	" "	2.1	88° 34'	-38.0	-35.9	}	134.2	BS	+437	-1454	
	1519		" "	" "	2.1	271° 26'	-38.0	-35.9		BS			-	-
308	1189		107° 50'	-1.1°	6.6	88° 50'	+24.2	+17.6		151.8		-342	+1139	246,250 662,453
309	859		" "	" "	8.3	88° 50'	+17.5	+9.2		143.4		-247	+823	246,345 662,137
310	529		" "	" "	7.8	88° 50'	+10.8	+3.0		137.2		-152	+507	246,440 661,821
311	200		" "	" "	6.6	88° 50'	+4.1	-2.5		131.7		-58	+192	246,534 661,506
\bar{x}	0				5.2	-		-5.2		129.0	\bar{x}	0	0	246,592 661,314
312	132		306° 18'	-1.1°	5.8	-		-5.8		128.4		+76	-108	246,668 661,206
313	461		" "	" "	5.2	-		-5.2		129.0		+266	-377	246,858 660,937
314	791		" "	" "	8.5	TH	+4.0	-4.5		129.7		+456	-646	247,048 660,668
315	1121		" "	" "	5.9	-		-5.9		128.3		+646	-916	247,238 660,398
316	1451		" "	" "	7.1	-		-7.1		127.1		+836	-1186	247,431 660,128
317	1781		" "	" "	6.1	-		-6.1		128.1		+1027	-1455	247,619 659,859

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2.3.84		B. Cotcamp		W. Greenfield		6834		C.Y. BC		10		24			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Georgia		Grooverville - 7 1/2		Georgia		Brooks								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						
318	2110		306° 28' 53"	-1.1°	4.4	-		-4.4		129.8	TP	+1222	-1720	247,814	659,593
318	2110				4.3	270° -		-4.3			TP		-1		
	1650		126° 51' 33"	-1.3° +	8.0	90° 40'	+19.2	+27.2		157.0	BS	+959	-1342		
	1650				+7.9	269° 20'	+19.2	+27.1			BS		-1		
319	1320		126° 42'	- "	9.2	90° 40'	-15.4	-24.6		132.4		-765	+1076	248,008	659,326
320	990		126° 36'	- "	10.3	90° 40'	-11.5	-21.8		135.2		-572	+808	248,201	659,058
321	660		126° 19'	- "	7.8	90° 40'	-7.7	-15.5		141.5		-379	+541	248,394	658,791
322	330		125° 23'	- "	4.6	90° 40'	-3.8	-8.4		148.6		-185	+273	248,588	658,523
323	0				5.2	-		-5.2		151.8	T	0	0	248,773	658,250
324	330		293° 53'	-1.3°	6.4	88° 50'	+6.7	+0.3		157.3		+127	-305	248,900	657,945
325	660		- "	- "	8.1	88° 50'	+13.4	+5.3		162.3		+253	-609	249,026	657,641
326	990		- "	- "	12.4	88° 50'	+20.2	+7.8		164.8		+380	-914	249,153	657,336
327	1320		- "	- "	10.0	89° -	+23.0	+13.0		170.0		+507	-1219	249,280	657,031
328	1650		- "	- "	8.7	89° -	+28.8	+20.1		177.1		+634	-1523	249,407	656,727
IF	1695		299° 45' 14"	- "	7.7	89° -	+29.6	+21.9		178.9	IF	+808	-1490	249,581	656,760 IF T-Inter.
329	1979		299° 54' 17"	- "	5.3	89° -	+34.5	+29.2		186.2	TP	+947	-1737	249,720	656,512
329	1979				5.2	271° -	+34.5	+29.3			TP		-1		
	1452		119° 39' 20"	-1.3° +	4.1	-		+4.1			BS	+690	-1278		
	1452				+4.0	270° -		+4.0		190.2	BS		-1		
330	1122		119° 41'	- "	9.0	TH	+5.6	-3.4		186.8		-533	+987	249,877	656,220

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE 2.3.84	INSTRUMENT MAN B. Cotcamp	ROD MAN W. Greenfield	PARTY NUMBER 6834	NOTES CHECKED BY KWC CJ	LINE NO. 10	PAGE 25
AREA Georgia	TOPO MAP Greenville	STATE Georgia	COUNTY Brooks	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	COORDINATES		REMARKS
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.	
									190.2					
331	792		119° 41'	-1.3°	9.1	TH	+4.0	-5.1		185.1		-376	+697	250,034 655,930
332	462		" "	" "	5.4	TH	+2.3	-3.1		187.1		-220	+406	250,190 655,639
333	132		" "	" "	5.2	TH	+0.7	-4.5		185.7		-63	+116	250,347 655,149
X	0				5.2	-		-5.2		185.0	X	0	0	250,410 655,233
#	11		272° 31' 11"	-1.3°	4.5	-		-4.5		185.7	#	+0	-11	250,410 655,222
334	210		21° 35'	" "	7.8	91° 20'	-4.9	-12.7		177.5		+197	+73	250,607 655,306
335	540		" "	" "	7.8	91° 20'	-12.6	-20.4		169.8		+507	+187	250,917 655,420
336	870		" "	" "	8.1	91° 20'	-20.2	-28.3		161.9		+816	+302	251,226 655,535
337	1200		21° 35'	-1.3°	6.1	91° 20'	-27.9	-34.0		156.2		+1126	+416	251,536 655,649
338	1530		" "	" "	9.4	91°	-26.7	-36.1		154.1		+1435	+530	251,845 655,763
339	1860		" "	" "	5.0	90° 54'	-29.2	-34.2		156.0		+1745	+645	252,155 655,878
340	2190		" "	" "	2.3	90° 44'	-28.0	-30.3		159.9		+2054	+759	252,464 655,992
341	2515		20° 15'	" "	5.7	90° 28'	-20.5	-26.2		164.0		+2379	+817	252,789 656,050
342	2841		19° 10' 00"	-1.1°	3.9	90° 22'	-18.2	-22.1			TP	+2701	+881	253,111 656,114
	2841				3.8	269° 28'	-18.2	-22.0		168.2	TP			
	990		190° 48' 43"	" "	+10.5	-		+10.5		178.7	BS	+976	+167	
	990				+5.5	BM	+5.0	+10.5			BS			
343	660		190° 58'	-1.1°	7.7	90° 20'	-3.8	-11.5		167.2		-650	-113	253,437 656,168
#	601		191° 41' 33"	" "	7.0	90° 30'	-5.2	-12.2		166.5	#	-591	-110	253,496 656,171
344	330		190° 58'	" "	9.1	90° 30'	-2.9	-12.0		166.7		-325	-57	253,762 656,224

4 - 250,410 X - 655,200
4 WAY Int. EL 185.0

5 - 253,300 X - 656,160
T - Intersect EL 167.0

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-3-84		B. Cotcamp		W. Greenfield		6834		C J B.C.		10		26			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Georgia		Geoverville - 7 1/2		Georgia		Brooks								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
									178.7						
345	0				5.2	-		-5.2		173.5	π	0	0	254,087	656,281
346	330		11° 20'	-1.1°	7.4	87° 20'	+15.3	+7.9		186.6		+325	+59	254,412	656,346
347	660		" "	" "	5.2	87° 20'	+30.7	+25.5		204.2		+650	+117	254,737	656,398
TP	839		11° 20' 53"	" "	8.5	87° 40'	+34.2	+25.7		204.4	TP	+825	+149	254,912	656,430
TP	839				10.9	87° 30'	+36.6	+25.7			TP				
	1471		190° 35' 40"	-1.1°	+9.9	88° 20'	-42.8	-32.9	171.5		BS	+1450	+243		
	1471				+5.7	88° 30'	-38.5	-32.8			BS				
348	1320		196° 36'	" "	7.6	88° 30'	+34.5	+26.9		198.4		-1302	-218	255,060	656,455
349	990		" "	" "	8.6	88° 30'	+25.9	+17.3		188.8		-976	-163	255,386	656,516
350	660		" "	" "	5.6	88° 30'	+17.3	+11.7		183.2		-651	-109	255,711	656,564
351	330		" "	" "	5.7	88° 20'	+9.6	+3.9		175.4		-325	-54	256,037	656,619
352	0				5.2	-		-5.2		166.3	π	0	0	256,362	656,673
353	330		11° 00'	-1.1°	9.1	-		-9.1		162.4		+325	+57	256,687	656,730
354	660		" "	" "	6.7	-		-6.7		164.8		+650	+113	257,012	656,786
355	990		" "	" "	6.6	TM	+5.0	-1.6		169.9		+975	+176	257,337	656,843
356	1320		" "	" "	11.2	TM	+6.6	-4.6		166.9		+1300	+227	257,662	656,900
357	1649		10° 56' 43"	" "	8.7	-		-8.7		162.8	TP	+1625	+282	257,987	656,955
357	1649		" "	" "	8.4	270 -		-8.4			TP				
	2308		191° 09' 22"	" ^	+5.1	-		+5.1	167.9		BS	+2273	+403		
	2308				+4.6	270 -		+4.6			BS				

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE							
2.3.84		B. Cotcamp		W. Greenfield		6834		CJ B.C.		10		27							
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER					
GEORGIA		Grooverville - 7 1/2		GEORGIA		Brooks								L. D. 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				
									167.9										
358	1980		191° 09'	-1.1°	8.2	-		-8.2		159.7		-1950	-346	258,310	657,012				
359	1650		" "	--	8.6	-		-8.6		159.3		-1625	-288	258,635	657,070				
360	1320		" "	--	6.7	-		-6.7		161.2		-1300	-230	258,960	657,128				
361	990		" "	--	7.8	-		-7.8		160.1		-975	-173	259,205	657,185				
362	660		" "	--	5.6	-		-5.6		162.3		-650	-115	259,610	657,243				
TP	616		191° 55' 53"	--	5.2	-		-5.2		162.7	TP	-605	-116	259,655	657,242			TP - Intersect	
363	330		191° 30'	--	6.0	-		-6.0		161.9		-325	-60	259,935	657,298				
364	0				5.2	-		-5.2		162.7	TP	0	0	260,260	657,358				
365	326		32° 37'	-1.1°	4.8	88° 35'	8.5	+3.7		171.6		+278	+170	260,538	657,528			or pavement ↓	
TP	223		24° 25' 48"	--	4.9	88° 30'	+5.8	+0.9		168.8	TP	+205	+88	260,465	657,446			Y - 260,450 X - 657,410	
366	655		30° 44'	--	6.7	88° 50'	+13.3	+6.6		174.5		+569	+324	260,829	657,682			Y - Intersect	
367	985		30° 56'	--	8.3	88° 50'	+20.1	+11.8		179.7		+854	+490	261,114	657,848				
368	1315		31° 29'	--	11.1	88° 50'	+26.8	+15.7		183.6		+1134	+665	261,394	658,023				
TP	1480		30° 58' 16"	--	6.5	89° 10'	+21.5	+15.0		182.9	TP	+1283	+737	261,543	658,095			Y - 658,120 X - 658,100	
369	1645		31° 29' 50"	-0.9°	9.9	89° 10'	+23.9	+14.0		181.9	TP	+1416	+837	261,676	658,175				
369	1645				9.8	270° 50'	+23.9	+14.1			TP								
	3771		208° 12' 42"	--	+13.4	BH	+18.9	+32.3			BS	+3351	+1730						
	3771				+12.9	BH 270°	+18.9	+31.8			BS								
370	3442		207° 58'	--	11.0	90° 20'	-20.0	-31.0		183.2		-3065	-1566	261,962	658,359				
371	3112		207° 50'	--	10.7	90° 20'	-18.1	-28.8		185.4		-2775	-1410	262,252	658,515				

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2.3.84		B. Stcamp		W. Greenfield		6834		CJ B.C.		10		28			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Georgia		Grooverville-7/2		Georgia		Brooks								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
									214.2						
372	2782		207° 50'	-0.9°	7.1	90° 20'	-16.2	-23.3		190.9		-2480	-1260	262,547	658,665
373	2452		" "	" "	7.0	90° 20'	-14.3	-21.3		192.9		-2186	-1111	262,841	658,814
374	2122		207° 46'	" "	10.0	90° 20'	-12.4	-22.4		191.8		-1893	-959	263,134	658,966
375	1792		" "	" "	8.0	90° 30'	-15.6	-23.6		190.6		-1599	-810	263,428	659,115
376	1462		207° 30'	-0.9°	10.8	90° 30'	-12.8	-23.6		190.6		-1307	-655	263,720	659,270
377	1132		207° 25'	" "	11.3	90° 30'	-9.9	-21.2		193.0		-1013	-505	264,014	659,420
378	802		207° 00'	" "	10.4	90° 30'	-7.0	-17.4		196.8		-720	-353	264,307	659,572
379	472		205° 25'	" "	8.9	90° 30'	-4.1	-12.0		202.2		-429	-196	264,598	659,729
380	143		205° 13'	" "	5.0	90° 30'	-1.2	-6.2		208.0		-130	-59	264,897	659,866
TP	31		256° 45' 40"	" "	5.8	90° 30'	-0.3	-6.1		208.1	TP	-8	-30	265,020	659,895
TP	0				5.2	-		-5.2		209.0	TP	0	0	265,027	659,925
381	188		14° 54'	-0.9°	6.1	90° 30'	-1.6	-7.7		206.5		+182	+45	265,209	659,970
382	518		" "	" "	7.3	90° 30'	-4.5	-11.8		202.4		+503	+125	265,530	660,050
383	848		" "	" "	7.2	90° 30'	-7.4	-14.6		199.6		+823	+205	265,850	660,130
384	1178		" "	" "	7.3	90° 30'	-10.3	-17.6		196.6		+1143	+285	266,170	660,210
385	1508		" "	" "	7.0	90° 30'	-13.2	-20.2		194.0		+1463	+365	266,490	660,290
386	1838		" "	" "	6.1	90° 30'	-16.0	-22.1		192.1		+1783	+445	266,810	660,370
387	2165		13° 48'	" "	8.5	90° 24'	-15.1	-23.6		190.6		+2110	+483	267,137	660,408
388	2486		11° 52' 25"	-0.9°	7.7	90° 24'	-17.4	-25.1		189.2	TP	+2440	+473		660,398
388	2486				7.4	269° 36'	-17.4	-24.8	25.0±		TP	-1		267,466	

Y=265,020 X=659,895
 TP - Intersect EL 208.0
 Horiz 3 - 71'
 CORR. X - 8'

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE 2-7-84	INSTRUMENT MAN B. Cotcamp	ROD MAN W. Greenfield	PARTY NUMBER 6834	NOTES CHECKED BY CJ	LINE NO. 10	PAGE 29
AREA GEORGIA	TOPO MAP Grooverville - 7 1/2'	STATE Georgia	COUNTY Brooks	TWP	RANGE	PPM
				PARTY MANAGER L.O. Davis		

STATION NO.	SLOPE DISTANCE	PLOTING 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	
									189.2							
	820		159° 03' 04"	-0.9	+4.3	74	-4.1	+0.2	189.4		BS	+761	-305			
	820				+2.6	89° 50'	-2.4	+0.2			BS	-1				
41	646		157° 55' 41"	--	0.9	-	-	-0.9		188.5	41	-595	+252	267,631	660,345	267,620 x 660,405 T-Inter. EL 190.0
389	496		153° 37'	--	7.3	89° 10'	+7.2	-0.1		189.3		-441	+227	267,185	660,320	
390	167		149° 12'	--	5.0	89°	+2.9	-2.1		187.3		-142	+88	268,084	660,181	
π	0				5.2	-	-	-5.2		184.2	π	0	0	268,226	660,093	
391	163		325° 09'	-0.9	5.0	91°	-2.8	-7.8		181.6		+132	-95	268,358	659,998	
392	493		" "	--	4.7	91°	-8.6	-13.3		176.1		+400	-288	268,626	659,805	
393	823		" "	--	8.3	90° 30'	-7.2	-15.5		173.9		+668	-481	268,894	659,612	
394	1155		325° 52' 40"	--	4.4	90° 30'	-10.1	-14.5			TP	+946	-663	269,171	659,430	opp. side of ROAD
394	1155				4.5	269° 30'	-10.1	-14.6		174.8	TP	-1				
	663		170° 17' 17"	-0.9	+8.1	-	-	+8.1			BS	+652	-122			
	663				+4.7	84	+3.3	+8.0	182.8		BS	-1				
395	330		172° 27'	--	7.9	-	-	-7.9		174.9		-326	+48	269,496	659,356	
396	0				5.2	-	-	-5.2		177.6	π	0	0	269,822	659,308	
397	330		0° 57'	--	8.6	88° 20'	+9.6	+1.0		183.8		+330	+0	270,152	659,308	
398	660		" "	--	9.1	88° 20'	+19.2	+10.1		192.9		+660	+1	270,482	659,309	
4#	888		0° 11' 28"	--	7.2	88° 20'	+25.8	+18.6		201.4	4#	+888	-11	270,710	659,297	270,695 x 659,295 4 way center
399	990		0° 11'	--	8.9	88° 20'	+28.8	+19.9		202.7		+990	-12	270,812	659,296	

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE 2-7-84	INSTRUMENT MAN B. Cotcamp	ROD MAN W. Greenfield	PARTY NUMBER 6834	NOTES CHECKED BY B.C.	LINE NO. 10	PAGE 30
AREA Georgia	TOPO MAP Grooverville - 7 1/2'	STATE Georgia	COUNTY Brooks	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 TP	COORDINATES		REMARKS		
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y	X
400	1314		357° 53' 54"	-1.1°	7.6	88° 40'	30.6	23.0	182.8		TP	+1312	-73	271,133	659,235	
400	1314				7.8	271° 20'	+30.6	+22.8	205.7		TP					
	659		172° 22' 19"	++	8.5	-		+8.5			BS	+651	-100			
	659			+	8.5	270°		+8.5	214.2		BS					
401	330		173° 21'	--	6.4	89° 40'	+1.9	-4.5	209.7			-327	+44	271,455	659,179	
402	0				5.2	-		-5.2	209.0		TP	0	0	271,782	659,135	
403	330		359° 34'	-1.1°	5.6	90° 30'	-2.9	-8.5	205.7			+330	-9	272,112	659,126	
404	660		0° 43'	++	8.2	90° 30'	-5.8	-14.0	200.2			+660	-4	272,442	659,131	
405	990		1° 02'	++	9.1	90° 30'	-8.6	-17.7	196.5			+990	-1	272,772	659,134	
406	1320		1° 14'	++	9.3	90° 30'	-11.5	-20.8	193.4			+1320	+3	273,102	659,138	Grooverville - 7 1/2'
407	1650			++	9.1	90° 30'	-14.4	-23.5	190.7			+1650	+4	273,432	659,139	Dixie - 7 1/2'
408	1977		0° 12' 53"	++	7.8	90° 30'	-17.3	-25.1			TP	+1977	-31	273,767	659,104	
408	1977				8.0	269° 30'	-17.3	-25.3	189.0		TP					
	1319		161° 44' 58"	-1.1°	2.5	74°	-6.6	-4.1			BS	+1244	-437			
	1319			+	2.4	74° 270°	-6.6	-4.2	184.8		BS					
409	990		161° 17'	++	6.5	89° 30'	+8.6	+2.1	186.9			-931	+336	274,068	659,003	
410	660		161° 58'	++	8.3	89° 10'	+9.6	+1.3	186.1			-624	+216	274,375	658,883	
410	550		163° 04' 57"	++	6.6	89° 10'	+8.0	+1.4	186.2		IF	-523	+170	274,476	658,837	y-274,490 x-658,795 T-Inter EL. 186.0
411	330		163° 03'	++	5.0	89° 10'	+4.8	-0.2	184.6			-314	+102	274,685	658,769	
412	0				5.2	-		-5.2	179.6		TP	0	0	274,999	658,667	

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE 2-7-84	INSTRUMENT MAN B. Cotcamp	ROD MAN W. Greenfield	PARTY NUMBER 6834	NOTES CHECKED BY B.C.	LINE NO. 10	PAGE 31
AREA Georgia	TOPO MAP Dixie - 7 1/2'	STATE Georgia	COUNTY Brooks	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			
									184.8									
413	330		348° 32'	-1.1°	7.9	-		-7.9		176.9		+322	-72	275,321	658,595			
414	660		" "	" "	10.0	-		-10.0		174.8		+644	-144	275,643	658,923			
415	990		" "	" "	11.3	-		-11.3		173.5		+966	-215	275,965	658,492			
416	1320		" "	" "	12.5	-		-12.5		172.3		+1288	-287	276,287	658,380			
417	1649		349° 25' 35"	" "	9.0	90° 10'	4.8	-13.8			TP	+1615	-334	276,612	658,333			
417	1649				9.1	269° 50'	-4.8	-13.9		170.9	TP							
	1319		183° 02' 46"	-1.1°	+10.0	-		+10.0			BS	+1318	+45					
	1319				+10.0	270°		+10.0	180.9		BS		-2					
418	990		183° 12'	" "	9.7	-		-9.7		171.2		-989	-36	276,939	658,342			
419	660		" "	" "	8.3	-		-8.3		172.6		-660	-24	277,268	658,354			
420	330		" "	" "	6.3	-		-6.3		174.6		-330	-12	277,598	658,366			
421	0				5.2	-		-5.2		175.7	TP	0	0	277,928	658,378			
422	330		0° 21'	-1.1°	9.6	-		-9.6		171.3		+330	-4	278,258	658,374			
423	660		359° 21'	" "	12.5	BM	-3.3	-15.8		165.1		+660	-20	278,588	658,358			
424	990		358° 57'	" "	7.9	90° 40'	-11.5	-19.4		161.5		+989	-37	278,917	658,341			
425	1320		359° 13' 36"	" "	5.5	90° 40'	-15.4	-20.9			TP	+1319	-43	279,245	658,335			
425	1320				5.7	269° 20'	-15.4	-21.1	-21.0	159.9	TP		-2					
	2971		195° 28' 05"	" "	+8.8	89° 30'	-25.9	-17.1	142.8		BS	+2878	+737					
	2971				+8.9	270°	-25.9	-17.0			BS		-2					

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE	2-7-84	INSTRUMENT MAN	B. Cotcamp	ROD MAN	W. Greenfield	PARTY NUMBER	6834	NOTES CHECKED BY	B.C.	LINE NO.	10	PAGE	32	
AREA	Georgia	TOPO MAP	Dixie - 7 1/2'	STATE	Georgia	COUNTY	Brooks	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	COORDINATES		REMARKS
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.	
									142.8					
426	2638		195° 28'	-1.1°	11.3	89° 30'	+23.0	+11.7		154.5		-2556	-655	279,565 658,417
427	2310		" "	" "	3.8	89° 50'	+6.7	+2.9		145.7		-2238	-573	279,883 658,499
428	1980		195° 24'	" "	10.1	89° 50'	+5.8	-4.3		138.5		-1919	-489	280,202 658,583
429	1650		" "	" "	9.1	89° 50'	+4.8	-4.3		138.5		-1599	-408	280,522 658,664
430	1320		195° 10'	-1.1°	8.3	89° 50'	+3.8	-4.5		138.3		-1280	-321	280,841 658,751
431	990		195° 01'	" "	8.1	89° 50'	+2.9	-5.2		137.6		-961	-238	281,160 658,834
432	660		194° 40'	" "	6.9	89° 50'	+1.9	-5.0		137.8		-642	-155	281,479 658,917
II	454		195° 27' 48"	" "	5.2	89° 56'	+0.5	-4.7		138.1	II	-440	-113	281,681 658,959 } y=281,610 x=658,930 Bridge El. 138.0
433	330		192° 54'	" "	5.9	89° 50'	+1.0	-4.9		137.9		-323	-67	281,790 659,009
434	0				5.2	-		-5.2		137.6	T	0	0	282,121 659,072
435	328		357° 38'	-1.1°	5.8	89° 50'	+1.0	-4.8		138.0		+327	-20	282,448 659,052
436	652		349° 54' 02"	" "	10.1	89° 38'	+4.2	-5.9		136.9	TP	+640	-127	282,759 658,945
436	652				10.8	89° 34'	+4.9	-5.9			TP	-	-	
	1519		149° 38' 00"	" "	+3.3	-		+3.3			BS	+1296	-793	
	1519				+3.2	270-		+3.2			BS	-	-	
437	1189		149° 02'	" "	7.1	89° 50'	+3.5	-3.6		136.5		-1008	+631	283,045 658,783
438	859		148° 00'	" "	7.1	89° 50'	+2.5	-4.6		135.5		-720	+469	283,333 658,621
439	531		145° 10'	" "	7.2	89° 50'	+1.5	-5.7		134.4		-430	+312	283,623 658,464
440	282		142° 50' 26"	" "	5.6	-		-5.6		134.5	440	-221	+175	283,832 658,327 } y=283,830 x=658,295 R.R. TRACKS. EL. 134.0
440	203		135° 13'	" "	5.4	-		-5.4		134.7		-141	+146	283,912 658,298

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE 2.7.84	INSTRUMENT MAN B. Cotcamp	ROD MAN W. Greenfield	PARTY NUMBER 6834	NOTES CHECKED BY B.C.	LINE NO. 10	PAGE 33
AREA GEORGIA	TOPO MAP Dixie - 7 1/2'	STATE Georgia	COUNTY Brooks	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	COORDINATES		REMARKS
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.	
									140.1					
π	0				5.2	-		-5.2		134.9	π	0	0	284,053 658.152
441	125		291° 55'	-1.1°	5.2	TH	+0.6	-4.6		135.5		+44	-117	284,097 658.035
442	446		275° 35'	"	6.3	TH	+2.2	-4.1		136.0		+35	-445	284,088 657.707
443	775		275° 19'	"	7.0	TH	+3.9	-3.1		137.0		+57	-773	284,110 657.379
444	1104		277° 13' 46"	"	9.5	TH	+5.5	-4.0		136.1	TP	+118	-1098	284,169 657.054
444	1104				9.6	TH 270	+5.5	-4.1			TP		-2	
	673		101° 26' 48"	-1.1°	9.1	-		+9.1	145.2		BS	+121	-662	
	673				9.0	-		+9.0			BS		-2	
445	343		99° 41'	"	7.8	-		-7.8		137.4		-51	+339	284,237 656.731
446	91		41° 42'	"	6.0	88° 30'	+2.4	-3.6		141.6		+69	+59	284,357 656.451
447	34		63° 43' 24"	"	4.8	88° 30'	+0.9	-3.9		141.3	44	+16	+30	284,304 656.422 44 284,300 x - 656,380 7 4 way
π	0				5.2	-		-5.2		140.0	π	0	0	284,288 656.392
447	418		29° 01'	-1.1°	8.9	88° 30'	+10.9	+2.0		147.2		+369	+196	284,657 656.588
448	748		27° 27'	"	8.8	88° 40'	+17.4	+8.6		153.8		+670	+332	284,958 656.724
449	1078		26° 44'	"	7.0	89° -	+18.8	+11.8		157.0		+972	+466	285,260 656.858
450	1408		26° 31'	"	7.2	89° -	+24.6	+17.4		162.6		+1272	+604	285,560 656.996
TP	1700		26° 21' 41"	-0.9°	5.1	89° -	+29.7	+24.6		169.8	TP	+1535	+731	285,821 657.123
TP	1700				5.2	211° -	+29.7	+24.5			TP		-2	
	698		221° 07' 45"	"	9.3	TH	-3.5	+5.8	175.6		BS	+533	+451	
	698				9.2	TH	-3.5	+5.7			BS		-1	

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE	2-7-84	INSTRUMENT MAN	B. Cotcamp	ROD MAN	W. Greenfield	PARTY NUMBER	6834	NOTES CHECKED BY	KWG <i>[initials]</i> B.C.	LINE NO.	10	PAGE	34
AREA	GEORGIA	TOPO MAP	Dixie - 7 1/2'	STATE	Georgia	COUNTY	Brooks	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			
									175.6									
451	655		219° 09'	-0.9°	12.0	89° 28'	+6.1	-5.9		169.7		-514	-406	285,838	657,167			
452	415		194° 24'	"	9.8	89° -	+7.2	-2.6		173.0		-404	-97	285,948	657,476			
TP	332		157° 57' 54"	"	4.5	-		-4.5		171.1	TP	-306	+129	286,046	657,702	TP	- Inter.	
453	258		156° 06'	"	5.0	TH	+1.3	-3.7		171.9		-234	+108	286,118	657,681			
X	0				5.2	-		-5.2		170.4	X	0	0	286,352	657,573			
454	71		336° 04'	-0.9°	5.2	-		-5.2		170.4		+64	-30	286,416	657,543			
455	401		" "	"	6.4	TH	+2.0	-4.4		171.2		+364	-168	286,716	657,405			
456	731		" "	"	5.7	TH	+3.7	-2.0		173.6		+663	-307	287,015	657,266			
457	1061		" "	"	10.2	89° 20'	+12.3	+2.1		172.7		+963	-446	287,315	657,127			
458	1391		" "	"	10.1	89° 20'	+16.2	+6.1		181.7		+1262	-584	287,614	656,989			
459	1721		" "	"	8.1	89° 20'	+20.0	+11.9		187.5		+1562	-723	287,914	656,850			
460	2049		336° 04' 39"	"	4.7	89° 20'	+23.8	+19.1			TP	+1860	-860	288,210	656,712			
460	2049		" "	"	4.8	270° 40'	+23.8	+19.0		194.6	TP	-2	-1					
	1120		139° 48' 10"	-0.9°	10.1	90° 30'	+9.8	+19.9			BS	+844	-736					
	1120		" "	"	+10.0	269° 30'	+9.8	+19.8	214.4		BS	-2	-1					
461	802		134° 27'	"	5.9	90° 40'	-9.3	-15.2		199.2		-553	+581	288,499	656,556			
#	921		137° 28' 22"	"	5.7	90° 40'	-10.7	-16.4		198.0	#	-669	+633	288,383	656,608	TP	4 way inter	
462	476		129° 52'	"	8.9	90° 30'	-4.2	-13.1		201.3		-299	+370	288,753	656,345			
463	146		125° 20'	"	5.9	90° 30'	-1.3	-7.2		207.2		-83	+120	288,969	656,095			
X	0				5.2	-		-5.2		209.2	X	0	0	289,052	655,975			

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE 2-7-84	INSTRUMENT MAN B. Cotcamp	ROD MAN W. Greenfield	PARTY NUMBER 6834	NOTES CHECKED BY C.J.	B.C.	LINE NO. 10	PAGE 35
AREA Georgia	TOPO MAP Dixie-7 1/2'	STATE Georgia	COUNTY Brooks	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	COORDINATES		REMARKS
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.	
									214.4					
464	184		299° 50'	-0.9°	5.2	89° 50'	+0.5	-4.7		209.7		+89	-161	289,141 655,814
77	265		296° 09 05"	"	6.2	89° 50'	+0.8	-5.4		209.0	77	+113	-240	289,165 655,735
465	438		332° 11'	"	8.2	89° 20'	+5.1	-3.1		211.3		+384	-210	289,436 655,765
466	715		350° 37 54"	"	8.5	89° 20'	+8.3	-0.2		214.2	TP	+704	-127	289,756 655,848
466	715				8.5	270° 40'	+8.3	-0.2			TP			
	1849		215° 57 53"	-0.9°	2.8	89° 40'	-10.8	-8.0	206.2		BS	+1513	+1062	
	1849				2.9	270° 20'	-10.8	-7.9			BS			
467	1520		216° 21'	"	6.0	89° 30'	+13.3	+7.3		213.5		-1238	-882	290,031 656,028
468	1190		216° 05'	"	6.6	89° 30'	+10.4	+3.8		210.0		-973	-686	290,296 656,224
469	860		215° 33'	"	7.7	89° 30'	+7.5	-0.2		206.0		-707	-489	290,562 656,421
470	531		213° 23'	"	8.5	89° 30'	+4.6	-3.9		202.3		-448	-285	290,821 656,625
471	202		208° 41'	"	7.3	89° 30'	+1.8	-5.5		200.7		-179	-94	291,090 656,816
π	0				5.2	-		-5.2		201.0	π	0	0	291,269 656,910
472	129		23° 18'	-0.9°	5.1	89° 30'	+1.1	-4.0		202.2		+119	+49	291,388 656,959
473	456		15° 55'	"	6.1	89° 10'	+6.6	+0.5		206.7		+440	+118	291,709 657,028
474	782		10° 17'	"	5.9	89° 10'	+11.4	+5.5		211.7		+772	+128	292,041 657,038
475	1109		7° 41'	"	5.6	89° 10'	+16.1	+10.5		216.7		+1101	+131	292,370 657,041
476	1438		6° 16'	"	5.3	89° 10'	+20.9	+15.6		221.8		+1432	+134	292,701 657,044
477	1766		5° 31'	"	10.1	89° -	+30.8	+20.7		226.9		+1760	+142	293,029 657,052

4-289,165 X-655,735
 4WAY FL. 209.0
 Horiz y -35
 CORR. X -3

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE	2-8-84	INSTRUMENT MAN	B. Cotcamp	ROD MAN	W. Greenfield	PARTY NUMBER	6834	NOTES CHECKED BY	C.J.	B.C.	LINE NO.	10	PAGE	36
AREA	GEORGIA	TOPO MAP	Dixie-7 1/2'	STATE	GEORGIA	COUNTY	Brooks	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	
									206.2							
TP	1924		4° 41' 10"	-0.9°	10.6	89° -	+33.6	+23.0	}	229.2	TP	+1920	+127	293,189	657,037	If y=293.200 x=657.015 T-inter. EL. 229.0
TP	1924				10.6	211° -	+33.6	+23.0		TP						
	2479		181° 57' 12"	"	+8.4	TH	-12.4	-4.0	}	225.2	BS	+2479	+46			
	2479				+8.5	TM	-12.4	-3.9		BS						
478	2309		181° 43'	"	9.1	TM	+11.5	+2.4		227.6		-2309	-33	293,359	657,050	
479	1980		" "	"	11.5	TM	+9.9	-1.6		223.6		-1980	-28	293,688	657,055	
480	1650		181° 43'	"	6.4	-	-	-6.4		218.8		-1650	-24	294,018	657,059	
481	1320		" "	"	10.1	-	-	-10.1		215.1		-1320	-19	294,348	657,064	
482	990		" "	"	10.6	-	-	-10.6		214.6		-990	-14	294,678	657,069	
483	660		181° 43'	"	7.2	-	-	-7.2		218.0		-660	-9	295,008	657,074	
484	330		" "	"	4.0	TM	+1.7	-2.3		222.9		-330	-5	295,338	657,078	
485	0				5.2	-	-	-5.2		220.0	T	0	0	295,668	657,083	
486	330		358° 43'	-0.9°	10.4	-	-	-10.4		214.8		+330	-13	295,998	657,070	
487	658		355° 08'	"	11.4	BH	-3.3	-14.7		210.5		+655	-66	296,323	657,017	
488	987		353° 21'	"	10.6	BH	-4.9	-15.5		209.7		+978	-130	286,646	656,953	
489	1315		352° 32'	"	6.9	BH	-6.6	-13.5		211.7		+1301	-191	296,969	656,892	
490	1644		353° 00'	"	6.4	-	-	-6.4		218.8		+1628	-226	297,296	656,857	
TP	1724		352° 27' 04"	"	11.8	TM	+8.6	-3.2	}	222.0	TP	+1705	-253	297,373	656,830	
TP	1724				11.9	TM	+8.6	-3.3		TP						

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE	2-8-84	INSTRUMENT MAN	B. Cotcamp	ROD MAN	W. Greenfield	PARTY NUMBER	6834	NOTES CHECKED BY	C.J.	LINE NO.	10	PAGE	37
AREA	Georgia	TOPO MAP	Dixie - 7 1/2'	STATE	Georgia	COUNTY	Brooks	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	NORTH + SOUTH - EAST + WEST -		COORDINATES		REMARKS
												LAT.	DEP.	Y	X	
										222.0						
	1573		189° 11' 53"	-0.9°	+11.8	90° 40'	+18.3	+30.1	252.1		BS	+1556	+227			
	1573				+11.7	269° 20'	+18.3	+30.0			BS					
491	1318		189° 18'	--	9.9	90° 46'	-15.3	-25.2		226.9		-1304	-193	297,625	656,864	
492	990		189° 46'	--	6.0	90° 40'	-11.5	-17.5		234.6		-978	-153	297,951	656,904	
#	1013		190° 30' 10"	--	6.0	90° 40'	-11.8	-17.8		234.3	#	-999	-169	297,930	656,888	# 4 way int. El. 234.0
493	660		189° 46'	--	9.7	90° 10'	-1.9	-11.6		240.5		-652	-102	298,277	656,955	
494	330		" "	--	6.3	90° 10'	-1.0	-7.3		244.8		-326	-51	298,603	657,006	
495	0				5.2	-		-5.2		246.9	X	0	0	298,929	657,057	
496	330		8° 56'	-0.9°	4.2	90° 10'	-1.0	-5.2		246.9		+327	+46	299,256	657,103	
497	659		7° 43'	--	6.8	90° 10'	-1.9	-8.7		243.4		+654	+78	299,583	657,135	
498	988		5° 23' 53"	-1.1°	7.5	90° 30'	-8.6	-16.1		236.0	TP	+985	+74	299,914	657,131	
498	988				7.4	269° 30'	-8.6	-16.0			TP					
	1723		170° 30' 30"	-1.1°	+4.7	89° 20'	-20.0	-15.3	220.7		BS	+1694	-317			
	1723				+4.6	270° 40'	-20.0	-15.4			BS					
499	1396		169° 08'	--	6.1	89° 30'	+12.2	+6.1		226.8		-1366	+289	300,242	657,103	
500	1066		168° 35'	--	10.8	89° 30'	+9.3	-1.5		219.2		-1041	+231	300,567	657,045	
501	736		" "	--	6.8	-		-6.8		213.9		-719	+160	300,889	656,974	
502	406		" "	--	7.2	-		-7.2		213.5		-396	+88	301,212	656,902	
503	81		154° 51'	--	6.5	-		-6.5		214.2		-73	+36	301,535	656,850	
X	0				5.2	-		-5.2		215.5	X	0	0	301,608	656,814	

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-8-84		B. Stamp		W. Greenfield		6834		C.J. B.C.		10		38			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Georgia		Dixie-7 1/2'		Georgia		Brooks								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
									220.7						
504	259		10° 25'	-1.1	6.8	89° 20'	+3.0	-3.8		216.9		+256	+42	301,864	656,856
505	589		10° 21'	--	9.7	89° 20'	+6.9	-2.8		217.9		+581	+75	302,189	656,909
506	919		" "	--	12.2	89° 20'	+10.7	-1.5		219.2		+907	+148	302,515	656,962
507	1249		" "	--	10.3	89° 30'	+10.9	+0.6		221.3		+1233	+201	302,841	657,015
508	1579		" "	--	9.0	89° 30'	+13.8	+4.8		225.5		+1558	+254	303,166	657,068
509	1909		" "	--	4.9	89° 30'	+16.7	+11.8		232.5		+1884	+307	303,492	657,121
51	2168		10° 07' 47"	--	7.3	89° 20'	+25.2	+17.9		238.6	TP	+2141	+340	303,749	657,154
510	2237		10° 09' 46"	--	11.3	89° 20'	+26.0	+14.7		235.4	TP	+2209	+352	303,817	657,167
510	2237				11.4	270° 40'	+26.0	+14.6			TP		+		
	2639		181° 31' 13"	-0.9	9.3	90° 10'	+7.7	+17.0		252.5	BS	+2639	+29		
	2639			+	9.6	269° 50'	+7.7	+17.3		217.3	BS		+		
511	2310		181° 34'	--	6.7	90° 10'	-6.7	-13.4		239.1		-2310	-27	304,146	657,170
512	1980		" "	--	5.6	90° 10'	-5.8	-11.4		241.1		-1980	-23	304,476	657,174
513	1650		" "	--	7.2	90° 10'	-4.8	-12.0		240.5		-1650	-19	304,806	657,178
514	1320		181° 34'	-0.9	9.5	90° 10'	-3.8	-13.3		239.2		-1320	-15	305,136	657,182
515	990		" "	--	8.9	90° 10'	-2.9	-11.8		240.7		-990	-12	305,466	657,185
516	660		" "	--	7.0	90° 10'	-1.9	-8.9		243.6		-660	-8	305,796	657,189
517	330		" "	--	4.7	90° 10'	-1.0	-5.7		246.8		-330	-4	306,126	657,193
518	0				5.2	-		-5.2		247.3	TP	0	0	306,456	657,197

4 way int pt. 239.0
 303,795 x - 657,125

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-8-84		B. Cotcamp		W. Greenfield		6834		C.J.		10		39			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
GEORGIA		Dixie-7 1/2'		GEORGIA		Brooks								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
									252.5						
519	330		1° 35'	-09°	5.9	90° 10'	-1.0	-6.9		245.6		+330	+4	306,786	657,201
520	660		" "	" "	9.0	90° 10'	-1.9	-10.9		241.6		+660	+8	307,116	657,205
521	990		" "	" "	11.0	90° 10'	-2.9	-13.9		238.6		+990	+12	307,446	657,209
522	1320		" "	" "	11.3	90° 10'	-3.8	-15.1		237.4		+1320	+16	307,776	657,213
523	1650		1° 35'	-09°	12.1	90° 10'	-4.8	-16.9		235.6		+1650	+20	308,106	657,217
524	1980		" "	" "	12.0	90° 10'	-5.8	-17.8		234.7		+1980	+24	308,436	657,221
525	2310		" "	" "	11.8	90° 10'	-6.7	-18.5		234.0		+2310	+28	308,766	657,225
526	2640		" "	" "	6.9	90° 10'	-7.7	-14.6		237.9		+2640	+31	309,096	657,228
527	2970		" "	" "	6.0	90° 04'	-3.4	-9.4		243.1		+2970	+35	309,426	657,232
528	3299		1° 37' 44"	" "	5.7	90° 06'	-5.8	-11.5		241.0	TP	+3299	+42	309,755	657,240
528	3299				5.6	269° 54'	-5.8	-11.4			TP				
	2968		181° 47' 00"	-09°	+8.2	89° 40'	-17.3	-9.1			BS	+2968	+46		
	2968				+8.3	270° 20'	-17.3	-9.0	232.0		BS				
529	2640		181° 47'	" "	7.8	89° 40'	+15.4	+7.6		239.6		-2640	-41	310,083	657,246
530	2310		" "	" "	7.0	89° 40'	+13.4	+6.4		238.4		-2310	-36	310,413	657,251
531	1980		" "	" "	9.0	89° 30'	+17.3	+8.3		240.3		-1980	-31	310,743	657,256
532	1650		181° 47'	-09°	7.3	89° 30'	+14.4	+7.1		239.1		-1650	-25	311,073	657,262
533	1320		" "	" "	6.6	89° 30'	+11.5	+4.9		236.9		-1320	-20	311,403	657,267
534	990		" "	" "	5.9	89° 30'	+8.6	+2.7		234.7		-990	-15	311,733	657,272
535	660		" "	" "	6.9	89° 10'	+9.6	+2.7		234.7		-660	-10	312,063	657,277

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE						
2.9.84		B. Cotcamp		W. Greenfield		6834		C.T.		10	40						
AREA		TOPO MAP		STATE		COUNTY		TWP	RANGE	PPM	PARTY MANAGER						
GEORGIA		Dixie - 7 1/2'		GEORGIA		Brooks					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		
									232.0								
1/2	339		182° 24' 44"	-0.9°	5.0	89° -	+5.9	+0.9		232.9	1/2	-339	-9	312,384	657,278	y = 312,390x - 657,285 1/2 T-Inter. EL. 233.0	
536	330		181 47	"	5.1	89° -	+5.8	+0.7		232.7		-330	-5	312,393	657,282		
537	0				5.2	-		-5.2		226.8	π	0	0	312,723	657,287		
538	330		1° 58'	-0.9°	9.1	-		-9.1		222.9		+330	+6	313,053	657,293		
539	660		" "	"	10.3	-		-10.3		221.7		+660	+12	313,383	657,299		
540	990		" "	"	9.8	-		-9.8		222.2		+990	+18	313,713	657,305		
off 000	881		1° 31' 35"	"	10.7	-		-10.7		221.3	off 000	+881	+10	313,604	657,297	y = 313,600x - 657,295 off Powerline	
541	1320		1° 58'	-0.9°	5.8	-		-5.8		226.2		+1320	+25	314,043	657,312		
542	1650		" "	"	8.5	TM	+8.3	-0.2		231.8		+1650	+31	314,373	657,318		
543	1980		" "	"	7.9	TM	+9.9	+2.0		234.0		+1980	+37	314,703	657,324		
544	2310		1° 55'	"	11.9	TM	+11.6	-0.3		231.7		+2310	+41	315,033	657,328		
545	2640		" "	"	12.5	TM	+13.2	+0.7		232.7		+2640	+47	315,363	657,334		
546	2970		" "	"	10.9	TM	+14.9	+4.0		236.0		+2970	+53	315,693	657,340		
547	3300		" "	"	7.1	TM	+16.5	+9.4		241.4		+3299	+59	316,022	657,346		
548	3627		1° 52' 53"	"	10.9	TM -	+18.1	+7.2			TP	+3626	+62	316,349	657,350		
548	3627				10.8	TM 270°	+18.1	+7.3		239.3	TP		"				
	2029		180° 48' 02"	-1.1°	5.6	89° 56'	-2.4	+3.2			FFOS	+2029	-11				
	2029				+5.7	270° 04'	-2.4	+3.3	242.6		BS		"				
549	1700		180° 48'	"	6.4	90° 10'	-4.9	-11.3		231.3		-1700	+9	316,678	657,349		
550	1370		180° 44'	"	6.5	90° 30'	-12.0	-18.5		224.1		-1370	+9	317,008	657,349		

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE				
2.9.84		B. Cotcamp		W. Greenfield		6834		C.Y. B.C.		10	41				
AREA		TOPO MAP		STATE		COUNTY		TWP	RANGE	PPM	PARTY MANAGER				
GEORGIA		Dixie - Pavo - 7 1/2'		GEORGIA		Brooks					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
									242.6						
551	1040		180° 18'	-1.1°	9.8	90° 30'	-9.1	-18.9		223.7		-1040	+15	317,338	657,355
552	710		180° 02'	"	8.8	90° 30'	-6.2	-15.0		227.6		-710	+13	317,668	657,353
553	381		178° 46'	"	7.6	90° 30'	-3.3	-10.9		231.7		-381	+16	317,997	657,356
554	53		161° 52'	"	5.2	90° 30'	-0.5	-5.7		236.9		-50	+17	318,328	657,357
X	0				5.2	-		-5.2		237.4	X	0	0	318,378	657,340
555	280		5° 04'	-1.1°	4.8	89° 10'	+4.1	-0.7		241.9		+279	+19	318,657	657,359
556	609		2° 48'	"	7.5	89° 40'	+3.5	-4.0		238.6		+609	+18	318,987	657,358
557	939		2° 15'	"	6.7	-		-6.7		235.9		+939	+19	319,317	657,359
558	1269		1° 56'	"	8.3	-		-8.3		234.3		+1269	+18	319,647	657,358
559	1599		1° 47'	-1.1°	10.7	-		-10.7		231.9		+1599	+19	319,977	657,359
560	1929		1° 43'	"	12.1	-		-12.1		230.5		+1929	+21	320,307	657,361
561	2259		1° 32'	"	11.4	-		-11.4		231.2		+2259	+17	320,637	657,357
562	2589		1° 27'	"	8.2	-		-8.2		234.4		+2589	+16	320,967	657,356
563	2919		" "	"	5.3	89° 56'	+3.4	-1.9		240.7		+2919	+18	321,297	657,358
564	3248		1° 23' 48"	"	1.5	89° 56'	+3.8	+2.3		244.9	TP	+3248	+17	321,626	657,358
564	3248			"	1.6	270° 04'	+3.8	+2.2			TP		"		
	2932		182° 50' 09"	-1.1°	5.9	-		+5.9	250.7		BS	+2931	+89		
	2932				+5.6	270°		+5.6	250.8		BS		+1		
565	2602		182° 50'	"	7.2	-		-7.2		243.5		-2601	-79	321,956	657,369
566	2272		" "	"	8.2	-		-8.2		242.5		-2271	-69	322,286	657,379

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE					
2-9-84		B. Cotcamp		W. Greenfield		6834		B.C.		10	42					
AREA		TOPO MAP	STATE	COUNTY	TWP	RANGE	PPM	PARTY MANAGER								
GEORGIA		Pavo-7 1/2	GEORGIA	Brooks				L.O. Davis								
STATION NO.	SLOPE DISTANCE	PLOTING 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	
									250.7							
567	1942		182° 50'	-1.1°	9.2	-		-9.2		241.5		-1941	-59	322,616	657.389	
568	1612		" "	" "	8.7	-		-8.7		242.0		-1611	-49	322,946	657.399	
569	1282		" "	" "	9.1	-		-9.1		241.6		-1281	-39	323,276	657.409	
570	952		182° 50'	-1.1°	11.0	-		-11.0		239.7		-952	-29	323,605	657.419	
571	622		" "	" "	10.6	-		-10.6		240.1		-622	-19	323,935	657.429	
572	293		" "	" "	7.9	-		-7.9		242.8		-293	-9	324,264	657.439	
TP	15		203° 05' 50"	" "	4.7	-		-4.7		246.0	TP	-14	-6	324,543	657.442	TP - 324,565 X - 657,410 TP 4 WAY INT. PL. 246.0
TP	0				5.2	-		-5.2		245.5	TP	0	0	324,557	657.448	
573	35		314° 21'	-1.1°	5.2	-		-5.2		245.5		+24	-25	324,581	657.423	
574	366		" "	" "	8.5	-		-8.5		242.2		+251	-267	324,808	657.181	
575	696		" "	" "	9.8	BH	-3.5	-13.3		237.4		+477	-507	325,034	656.941	
576	1026		314° 21'	" "	10.8	BH	-5.1	-15.9		234.8		+703	-747	325,260	656.701	
577	1356		" "	" "	9.7	BH	-6.8	-16.5		234.2		+929	-988	325,486	656.460	
578	1686		" "	" "	7.0	BH	-8.4	-15.4		235.3		+1155	-1228	325,712	656.220	
579	2016		314° 21'	-1.1°	12.1	-		-12.1		238.6		+1381	-1468	325,938	655.980	
580	2346		" "	" "	7.2	-		-7.2		243.5		+1607	-1709	326,164	655.739	
TP	2500		314° 07' 30"	" "	5.2	-		-5.2		245.6	TP	+1706	-1828	326,263	655.621	
TP	2500				5.0	-		-5.0	-5.13		TP		"			

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE	2.9.84	INSTRUMENT MAN	B. Cotcamp	ROD MAN	W. Greenfield	PARTY NUMBER	6834	NOTES CHECKED BY	C.V. B.C.	LINE NO.	10	PAGE	43	
AREA	GEORGIA	TOPO MAP	Pavo - 7 1/2	STATE	GEORGIA	COUNTY	Brooks	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			
										245.6								
	3145		139° 21' 04"	-1.1°	+3.6	84	+15.7	+19.3	264.7		BS	+2346	-2094					
	3145				+3.2	84	+15.7	+18.9		+19.1		BS		+1				
581	2970		139° 12'	--	9.5	90° 10'	-8.6	-18.1		246.6		-2211	+1983	326,398	655.511			
582	2640		" "	--	9.7	90° 10'	-7.7	-17.4		247.3		-1965	+1763	326,644	655.291			
583	2310		" "	--	11.1	90° 10'	-6.7	-17.8		246.9		-1719	+1543	326,890	655.071			
584	1980		" "	--	12.1	90° 10'	-5.8	-17.9		246.8		-1474	+1322	327,135	654.850			
585	1650		139° 12'	-1.1°	7.6	90° 20'	-9.6	-17.2		247.5		-1228	+1102	327,381	654.630			
586	1320		" "	--	9.0	90° 20'	-7.7	-16.7		248.0		-982	+882	327,627	654.410			
587	990		" "	--	8.5	90° 20'	-5.8	-14.3		250.4		-737	+661	327,872	654.189			
588	660		" "	--	7.0	90° 20'	-3.8	-10.8		253.9		-491	+441	328,118	653.969			
589	330		" "	--	5.7	90° 20'	-1.9	-7.6		257.1		-246	+220	328,363	653.748			
590	0				5.2	-		-5.2		259.5	TP	0	0	328,609	653.528			
591	330		319° 16'	-1.1°	4.0	89° 50'	+1.0	-3.0		261.7		+246	-220	328,855	653.308			
592	660		" "	--	5.0	89° 50'	+1.9	-3.1		261.6		+492	-440	329,101	653.088			
593	990		" "	--	6.6	89° 50'	+2.9	-3.7		261.0		+738	-660	329,347	652.868			
594	1320		" "	--	8.2	89° 50'	+3.8	-4.4		260.3		+984	-880	329,593	652.648			
595	1650		319° 16'	--	10.0	89° 50'	+4.8	-5.2		259.5		+1229	-1100	329,838	652.428			
596	1980		" "	--	11.9	89° 50'	+5.8	-6.1		258.6		+1475	-1321	330,084	652.207			
597	2309		318° 57'		6.1	-		-6.1		258.6		+1712	-1550	330,321	651.978			

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-9-84		B. Cotcamp		W. Greenfield		6834		C. J. B. C.		10		44			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
GEORGIA		PAVO - 7 1/2'		GEORGIA		Brooks								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
									264.7						
598	2632		317° 24' 17"	-1.3	5.2	-		-5.2		259.5	TP	+1897	-1825	330,506	651.704
598	2632				5.3	270°		-5.3			TP		+		
	1634		105° 23' 25"	-1.3	+8.7	-		+8.7		268.2	BS	+398	-1585		
	1634				+8.6	270°		+8.6			BS		+		
≠	1534		104° 41' 59"	..	8.4	-		-8.4		259.8	≠	-355	+1492	330,549	651.612
599	1316		102° 06'	..	7.8	-		-7.8		260.4		-247	+1293	330,657	651.413
600	990		100° 15'	..	6.8	-		-6.8		261.4		-154	+978	330,750	651,098
601	660		" "	..	9.1	TM	+3.3	-5.8		262.4		-103	+652	330,801	650,712
602	330		" "	..	6.0	TM	+1.7	-4.3		263.9		-51	+326	330,853	650,446
603	0				5.2	-		-5.2		263.0	λ	0	0	330,904	650,120
604	330		278° 29'	-1.3	6.0	TM	+1.7	-4.3		263.9		+41	-327	330,945	649,793
605	656		271° 51'	..	5.0	-		-5.0		263.2		+6	-656	330,910	649,464
606	974		265° 22'	..	7.1	-		-7.1		261.1		-101	-969	330,803	649,151
607	1279		258° 57'	..	10.0	-		-10.0		258.2		-274	-1249	330,630	648,871
608	1580		253° 35'	..	5.3	BM	-7.9	-13.2		255.0		-481	-1505	330,423	648,615
609	1893		250° 05'	..	6.1	BM	-9.5	-15.6		252.6		-685	-1765	330,219	648,355
≠	2178		247° 18' 57"	..	4.4	96° 17'	-10.8	-15.2		253.0	≠	-885	-1990	330,019	648,130
610	2131		249° 52'	..	5.0	BM	-10.7	-15.7		252.5		-779	-1984	330,125	648,136
611	2037		258° 33' 56"	..	13.3	-		-13.3		255.0	TP	-449	-1987	330,455	648,133
611	2037				13.1	-		-13.1			TP				

4 - 330,570 X - 651,625
T-Intersect

3 - 332,995 X - 648,130
T-Inter. EL. 253.0

5 - NONE
X - +12'

1323

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE				
2-14-84		B. Cotcamp		W. Greenfield		6834		KWB CJ		10		45				
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER		
GEORGIA		Pavo - 7 1/2'		GEORGIA		Brooks								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	X
										255.0				330,455	648,133	
	638		163° 39' 17"	-1.1°	10.7	88°	-22.3	-11.6	243.4		BS	+608	-191			
	638				+12.5	87° 50'	-24.1	-11.6			BS					
612	328		155° 12'	--	7.0	87° 50'	+12.4	+5.4		248.8		-295	+143	330,768	648,085	
613	0				5.2	-		-5.2		238.2	TP	0	0	331,063	647,942	
614	330		320° 22'	-1.1°	7.8	91° 40'	-9.6	-17.4		226.0		+250	-215	331,313	647,727	
615	658		316° 55'	--	9.0	91° 40'	-19.1	-28.1		215.3		+472	-459	331,535	647,483	
616	1004		316° 12' 11"	--	5.4	91° 40'	-29.2	-34.6		208.8	TP	+711	-708	331,774	647,234	ACROSS STA.
616	1004				8.3	91° 30'	-26.3	-34.6			TP					
	662		162° 26' 52"	-1.1°	3.7	88° 50'	-13.5	-9.8	199.0		BS	+627	-212			
	662				+5.6	88° 40'	-15.4	-9.8			BS					
617	328		166° 04'	--	7.2	88° 10'	+10.5	+3.3		202.3		-317	+85	332,084	647,107	
618	0				5.2	-		-5.2		193.8	TP	0	0	332,401	647,022	
619	330		357° 03'	-1.1°	6.9	91° 30'	-8.6	-15.5		183.5		+329	-23	332,730	646,999	
620	660		" "	--	9.6	91° -	-11.5	-21.1		177.9		+658	-47	333,059	646,975	
621	990		356° 55' 22"	--	5.4	91° -	-17.3	-22.7			TP	+987	-72	333,388	646,950	
621	990				5.3	269° -	-17.3	-22.6		176.4	TP					
	1979		177° 11' 17"	-1.1°	6.6	90° 40'	+23.0	+29.6	205.9		BS	+1974	-135			
	1979				+6.4	269° 20'	+23.0	+29.4	+29.5		BS					
622	1650		177° 10'	--	10.1	90° 40'	-19.2	-29.3		176.6		-1646	+113	333,716	646,928	
623	1320		" "	--	9.8	90° 50'	-19.2	-29.0		176.9		-1317	+91	334,045	646,906	

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2.14.84		B. Cotcamp		W. Greenfield		6834		KWG C.Y		10		46			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PARTY MANAGER			
GEORGIA		Auto - 7 1/2'		GEORGIA		Brooks						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
									205.9						
624	990		177° 10'	-1.1°	10.3	91° -	-17.3	-27.6		178.3		-988	+68	334,374	646,883
625	660		" "	" "	7.9	91° -	-11.5	-19.4		186.5		-658	+45	334,704	646,860
626	330		" "	" "	8.7	-		-8.7		197.2		-329	+23	335,033	646,838
627	0				5.2	-		-5.2		200.7	TP	0	0	335,362	646,815
IF	225		354° 00' 00"	-1.1°	6.4	-		-6.4		199.5	IF	+223	-28	335,585	646,787
628	330		357° 05'	" "	8.2	-		-8.2		197.7		+329	-23	335,691	646,792
629	660		" "	" "	12.5	-		-12.5		193.4		+658	-46	336,020	646,769
630	988		355° 41'	" "	11.2	BM	-4.9	-16.1		189.8		+984	-93	336,346	646,722
631	1312		352° 30'	" "	6.4	90° 30'	-11.5	-17.9		188.0		+1297	-196	336,659	646,619
TP	1500		351° 11' 52"	-1.1°	8.2	90° 26'	-11.3	-19.5		186.5	TP	+1478	-258	336,840	646,557
TP	1500				8.0	269° 34'	-11.3	-19.3	-19.4		TP				
	2122		137° 41' 59"	-0.9°	9.1	90° 40'	+24.7	+33.8	220.2		BS	+1547	-1453		
	2122				8.8	269° 20'	+24.7	+33.5	+33.7		BS				
632	1977		137° 23'	" "	10.7	90° 40'	-23.0	-33.7		186.5		-1434	+1361	336,953	646,465
633	1648		136° 24'	" "	11.0	90° 40'	-19.2	-30.2		190.0		-1175	+1155	337,212	646,259
634	1320		136° 30'	" "	7.8	90° 40'	-15.4	-23.2		197.0		-943	+924	337,444	646,028
635	990		136° 45'	-0.9°	9.8	90° 20'	-5.8	-15.6		204.6		-710	+690	337,677	645,794
636	660		137° 03'	" "	6.0	90° 20'	-3.8	-9.8		210.4		-476	+457	337,911	645,561
637	330		138° 18'	" "	6.4	-		-6.4		213.8		-243	+223	338,144	645,327
IF	115		145° 29' 00"	" "	4.3	-		-4.3		215.9	IF	-94	+67	338,293	645,171

IF 335,595 x = 646,805
IF 4 way Intersect El. 200.0

IF 338,295 x = 645,190
IF T-Intersect El. 216

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
12-14-84		B. Cotcan		W. Greenfield		6834		KwG C.J.		10		47			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
GEORGIA		Pavo - 7 1/2'		GEORGIA		Brooks								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
									220.2						
638	0				5.2	-		-5.2		215.0	X	0	0	338,387	645,104
639	330		323° 55'	-0.9°	5.1	-		-5.1		215.1		+264	-199	338,651	644,905
640	660		325° 47'	"	7.8	-		-7.8		212.4		+540	-380	338,927	644,724
641	990		326° 22'	"	11.0	84	-5.0	-16.0		204.2		+816	-561	339,203	644,543
642	1318		325° 50' 53"	"	14.4	90° 30'	-11.5	-25.9		194.3	TP	+1079	-757	339,466	644,347
642	1318				14.3	269° 30'	-11.5	-25.8			TP				
	3296		141° 24' 10"	-0.9°	+13.5	-		+13.5	207.6		BS	+2543	-2096		
	3296				+13.0	-		+13.0	113.3		BS				
643	2967		141° 24'	"	9.0	90° 16'	-13.8	-22.8		184.8		-2289	+1887	339,920	644,138
644	2637		"	"	6.3	90° 36'	-27.6	-33.9		173.7		-2035	+1677	339,974	643,928
645	2307		"	"	10.2	90° 40'	-26.8	-37.0		170.6		-1780	+1467	340,229	643,718
646	1978		141° 37'	-0.9°	6.8	90° 54'	-31.1	-37.9		169.7		-1531	+1252	340,478	643,503
647	1650		141° 44'	"	8.6	91° -	-28.8	-37.4		170.2		-1279	+1042	340,730	643,293
648	1320		141° 58'	"	11.0	91° 10'	-26.9	-37.9		169.7		-1027	+830	340,982	643,081
649	990		142° 19'	"	10.0	91° 30'	-25.9	-35.9		171.7		-774	+617	341,235	642,868
650	660		143° 14'	"	7.7	91° 30'	-17.3	-25.0		182.6		-522	+403	341,487	642,654
651	330		144° 41'	"	8.0	90° 40'	-3.8	-11.8		195.8		-266	+195	341,743	642,446
652	0				5.2	-		-5.2		202.4	X	0	0	342,009	642,251
653	330		327° 37'	-0.9°	5.0	-		-5.0		202.6		+276	-181	342,285	642,070
654	660		329° 15'	"	11.3	-		-11.3		196.3		+562	-346	342,571	641,905

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE 2-14-84	INSTRUMENT MAN B. Cotcamp	ROD MAN W. Greenfield	PARTY NUMBER 6834	NOTES CHECKED BY HWG C.Y.	LINE NO. 20	PAGE 48
AREA GEORGIA	TOPO MAP Pavo - 7 1/2'	STATE GEORGIA	COUNTY Brooks	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			
									207.6									
655	988		330° 44'	-0.9	9.7	90° 30'	-8.6	-18.3		189.3		+854	-496	342,863	641,755			
656	1318		331° 08'	"	10.5	90° 40'	-15.3	-25.8		181.8		+1144	-654	343,153	641,597			
657	1648		331° 29'	"	7.8	90° 50'	-24.0	-31.8		175.8		+1436	-809	343,445	641,442			
41	1812		331° 17' 19"	"	11.3	90° 40'	-21.1	-32.4		175.2	#1	+1575	-895	343,584	641,356	#1	y=343,595 x=641,385 T-Intersect PL. 175.0	
658	1978		331° 51'	-0.9	12.1	90° 36'	-20.7	-32.8		173.6		+1729	-960	343,738	641,291			
659	2308		331° 53'	"	11.3	90° 32'	-21.5	-32.8		174.8		+2018	-1120	344,029	641,131			
660	2638		331° 59'	"	8.2	90° 32'	-24.6	-32.8		174.8		+2309	-1276	344,318	640,975			
661	2967		332° 04' 23"	"	7.3	90° 30'	-25.9	-33.2		174.5	TP	+2599	-1431	344,608	640,820			
661	2967				7.0	269° 30'	-25.9	-32.9	-33.13		TP							
	1978		151° 12' 58"	-0.9	6.1	90° 50'	+28.8	+34.9	209.2		BS	+1718	-979					
	1978				5.7	269° 10'	+28.8	+34.5	34.73		BS							
662	1648		150° 50'	"	6.0	91° -	-28.8	-34.8		174.4		-1426	+826	344,900	640,667			
663	1319		150° 28'	"	11.0	91° -	-23.0	-34.0		175.2		-1137	+668	345,189	640,509			
664	989		149° 42'	"	12.4	91° -	-17.3	-29.7		179.5		-846	+512	345,480	640,353			
665	660		148° 33'	"	10.1	91° -	-11.5	-21.6		187.6		-558	+353	345,768	640,194			
666	330		147° 24'	"	7.9	91° -	-5.8	-13.7		195.5		-275	+182	346,051	640,023			
667	0				5.2	-		-5.2		204.0	X	0	0	346,326	639,841			
668	330		322° 38'	-0.9	6.0	89° 10'	+4.8	-1.2		208.0		+259	-204	346,585	639,637			
669	660		"	"	9.8	89° 10'	+9.6	-0.2		209.0		+518	-409	346,844	639,432			
670	990		"	"	9.2	89° 10'	+14.4	-5.2		204.0		+777	-613	347,103	639,228			

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

PAGE 49 OF 49

DATE 2.14.84	INSTRUMENT MAN B. Cotcamp	ROD MAN W. Greenfield	PARTY NUMBER 6834	NOTES CHECKED BY KWB C.Y.	LINE NO. 10	PAGE 49
AREA GEORGIA	TOPO MAP Pavo - 7 1/2'	STATE GEORGIA	COUNTY Brooks	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			
									209.2									
IF	1284		322° 01' 42"	-0.9°	6.9	89° 10'	+18.7	+11.8		221.0	IF	+1000	-806	347,326	639,035			IF T. inter.
Concrete Pillar	1310		323° 28' 23"	- "	5.2	89° 10'	+19.1	+13.9		223.1	Concrete Pillar	+1040	-796	347,366	639,045			Y-347.340 X-639.045 Concrete pillar EL 223.0
671	1320		322° 38'	- "	7.1	89° 10'	+19.2	+2.1		221.3		+1036	-818	347,362	639,023			
672	1650		" "	- "	7.2	89° 10'	+24.0	+16.8		226.0		+1295	-1022	347,621	638,819			
673	1978		323° 03' 09"	- "	9.6	89° 10'	+28.8	+19.2		228.4	TP	+1562	-1214	347,888	638,627			
673	1978				9.5	270° 50'	+28.8	+19.3			TP							
	659		151° 08' 48"	-0.9°	9.0	90° 30'	+5.8	+14.8	243.2		BS	+572	-327					
	659				7.2	90° 46'	+7.7	+14.9			BS							
674	330		151° 09'	- "	8.1	90° 40'	-3.8	-11.9		231.3		-287	+164	348,173	638,464			
675	0				5.2	-		-5.2		238.0	T	0	0	348,460	638,300			
676	328		321° 56'	- "	5.7	89° -	+5.7	± 0.0		243.2		+255	-206	348,715	638,094			
677	658		319° 12'	- "	7.8	89° -	+11.5	+3.7		246.9		+491	-438	348,951	637,862			E.O.L. Line # 10
678	987		317° 45'	- "	7.6	89° 10'	+14.4	+6.8		250.0								- STA. NOT USED
TP	979		317° 06' 17"	-0.9°	7.2	89° 10'	+14.2	+7.0		250.2	TP	+707	-677	349,167	637,623			Y-349,110 X-637,600 T-T-Intersect
TP	979				10.0	89° -	+17.1	+7.1			TP							
											BS							
											BS							