

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc. Client-COCORP

DATE <b>4-28-78</b>	INSTRUMENT MAN <b>F. Tellez</b>	ROD MAN <b>G. Cotcamp</b>	PARTY NUMBER <b>6834</b>	NOTES CHECKED BY <b>G.W.C.</b>	LINE NO. <b>2</b>	PAGE <b>1 of 29</b>
AREA <b>CHARLESTON, S.C.</b>	TOPO MAP <b>COTTAGEVILLE</b>	STATE <b>SOUTH CAROLINA</b>	COUNTY <b>DORCHESTER</b>	TWP <b></b>	RANGE <b></b>	PPM <b></b>
				PARTY MANAGER <b>L.O. DAVIS</b>		

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				
K TP				-3°36'						21.9						412,525	2,225,100	K T intersect. (Line #	
BS	1280		85°16' +180°	-3.6°	+5.9	-		+5.9	27.8		BS	-186.5	-1266					1 page 11)	
BS	1280				+12.4	TH	-6.6	+5.8		BS									rechecked distance 9/20
TP	2280		271° 59'	-3.6°	4.9	-		-4.9		22.9	TP	-64.4	-2279	412,284	2,221,555				
TP	2280				14.0	89°46'	+9.2	-4.8			TP								T intersect. (RT 17A +
BS	760		306 19' -180°	-3.6°	+2.3	-		+2.3	25.2		BS	-411.5	+639					61)	
BS	760				+5.1	TH	-3.8	+2.3		BS									Rechecked rod reading
BM	560		309° 38'	-3.6°	3.2	-		-3.2		22.0	BM	+329	-453	412,207	2,221,741			to RFS 1972 USGS of 222	
1	0				5.0	-		-5.0			K	0	0	411,878	2,222,194				
2	220		133° 27'	-3.6°	5.0	-		-5.0		20.2	TP	-141.9	+169	411,741	2,222,363				
2	220				6.1	TH	+1.1	-5.0	TP										
BS	1320		319°56' -180°	-3.6°	+5.4	-		+5.4	25.6		BS	-955.5	+911						
BS	1320				+11.9	TH	-6.6	+5.3		BS									
3	1100		" "	-3.6°	4.1	-		-4.1		21.5		+796	-760	411,587	2,222,514				
4	880		" "	-3.6°	4.0	-		-4.0		21.6		+637	-608	411,428	2,222,666				
5	660		" "	-3.6°	4.0	-		-4.0		21.6		+477	-456	411,268	2,222,818				
6	440		" "	-3.6°	4.2	-		-4.2		21.4		+318	-304	411,109	2,222,970				
7	220		" "	-3.6°	4.4	-		-4.4		21.2		+159	-152	410,950	2,223,122				
8	0				5.0	-		-5.0		20.6	K	0	0	410,791	2,223,274				
9	220		140°4'	-3.6°	5.2	-		-5.2		20.4		-159	+152	410,632	2,223,426				
10	440		" "	-3.6°	5.0	-		-5.0		20.6		-319	+303	410,472	2,223,577				



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DATE: 4-28-78		INSTRUMENT MAN: F. Tellez		ROD MAN: G. Cotcamp		PARTY NUMBER: 6834		NOTES CHECKED BY: G.W.C.			LINE NO.: 2		PAGE: 3		
AREA: Charleston		TOPO MAP: Cottageville 15'		STATE: S. Car.		COUNTY: Dorchester		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
										21.4					
BS	1320		291°29'-180°	-36°	+3.6	—		+3.6	25.0		BS	-405.5	+1256		
BS	1320				+10.1	TH	-6.6	+3.5			BS				trail (west)
71	1180		291°19'	-36°	3.9	—		-3.9		21.1		+359	-1124	408,195	2,226,101
26	1100		289°19'	-36°	3.4	—		-3.4		21.6		+298	-1059	408,134	2,226,166
27	880		"	-36°	3.5	—		-3.5		21.5		+238	-847	408,074	2,226,378
28	660		"	-36°	4.0	—		-4.0		21.0		+179	-635	408,015	2,226,590
IL 75	530		291°12'	-36°	4.3	—		-4.3		20.7		+160.4	-505	408,000	2,226,720
29	440		289°19'	-36°	4.5	—		-4.5		20.5		+119	-424	407,955	2,226,801
30	220		"	-36°	4.4	—		-4.4		20.6		+60	-212	407,896	2,227,013
31	0		"		5.0	—		-5.0		20.0	TP	0	0	407,836	2,227,225
32	220		109°21'	-36°	5.0	—		-5.0		20.0		-60	+212	407,776	2,227,437
33	440		"	-36°	5.0	—		-5.0		20.0		-119	+423	407,717	2,227,648
34	660		"	-36°	5.2	—		-5.2		19.8		-179	+635	407,657	2,227,860
35	880		"	-36°	5.1	—		-5.1		19.9		-239	+847	407,597	2,228,072
36	1100		"	-36°	5.3	—		-5.3		19.7		-299	+1059	407,537	2,228,284
37	1320		109°21'	-36°	5.4	—		-5.4		19.6	TP	-358+3	+1270-4	407,481	2,228,491
37	1320				12.0	TH	+6.6	-5.4			TP				
BS	1320		289°39'-180°	-36°	+10.6	TH	-6.6	+4.0	23.6		BS	-365+2	+1269.3		
BS	1320				+4.1	—		+4.1			BS				
38	1100		"	-36°	3.9	—		-3.9		19.7		+304	-1057	407,422	2,228,700

(Line #1 tie at 21.0  
1-WAY intersect  
408,000 + 2,226,720 (scaled)  
(correction +46-y 0-x)



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DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
4-28-78		F. TELLEZ		G. Cotnam		6834		G.W.C.		2		5			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Charleston		Stallsville 7 1/2'		S. CAR		Dorchester								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
									23.2						
51	360		291° 47'	-36°	4.4	—	-4.4		18.8		+112	-342	406,574	2,231,737	Trail (south)
53	220		289° 35'	-36°	4.3	—	-4.3		18.9		+61	-211	406,523	2,231,868	
54	0				5.0	—	-5.0		18.2	π	0	0	406,462	2,232,079	
55	220		108° 45'	-36°	4.8	—	-4.8		18.4		-57	+212	406,405	2,232,297	
56	310		106° 58'	-36°	4.5	—	-4.5		18.7		-72	+302	406,390	2,232,381	Trail (north)
56	440		108° 45'	-36°	4.2	—	-4.2		19.0		-115	+425	406,347	2,232,504	
57	660		108° 34'	-36°	4.0	—	-4.0		19.2		-170	+638	406,292	2,232,717	
58	870		107° 54'	-36°	3.8	—	-3.8		19.4	TP	-215+2	+843+3	406,249	2,232,919	shooting interior of curve
BS	880		273° 18' - 180°	-36°	+4.3	—	+4.3	23.7		BS	+5+3	+880+4			
BS	880				+1.8	70° 10'	+2.6	+4.4		BS					
59	660		271° 54'	-36°	4.7	—	-4.7		19.0		-20	-660	406,237	2,233,135	
60	440		269° 55'	-36°	4.8	—	-4.8		18.9		-28	-439	406,229	2,233,356	
61	220		269° 5'	-36°	4.9	—	-4.9		18.8		-17	-219	406,240	2,233,576	
62	0				5.0	—	-5.0		18.7	π	0	0	406,257	2,233,795	✓
63	220		81° 24'	-36°	2.7	—	-2.7		21.0		+46	+215	406,303	2,234,010	
64	440		82° 20'	-36°	4.0	89°	+7.7	+3.7	27.4		+86	+432	406,343	2,234,227	
64	600		81° 58'	-36°	2.1	89°	+10.5	+8.4	32.1		+121	+588	406,378	2,234,383	Trail (North)
65	660		82° 20'	-36°	2.0	89°	+11.5	+9.5	33.2		+129	+647	406,386	2,234,442	
65	740		82° 16'	-36°	1.2	89°	+12.9	+11.7	35.4		+145	+726	406,402	2,234,521	Trail (North)

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DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
4-28-78		F. TELLSZ		G. Cotcamp		6834		G.W.C.		2		6			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Charleston		Stallsville 7 1/2		S. CAR.		Dorchester								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 TP	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
									23.7						
66	880		82°41'	-3.6°	1.5	89°	+15.4	+13.9		37.6		+167	+864	406,424	2,234,659
67	1100		82°41'	-3.6°	1.3	89°	+19.2	+17.9		41.6	TP	+208+2	+1080+3	406,467	2,234,872
67	1100				10.8	88°30'	+28.8	+18.0			TP				
BS	1540		269°36'-180°	-3.6°	+7.9	-		+7.9	49.5		BS	+107+2	+1536+3		
BS	1540				+7.1	90°2'	+0.9	+8.0			BS				
68	1320		29°44'	-3.6°	5.0	-		-5.0		44.5		-89	-1317	406,487	2,235,088
69	1100		" "	-3.6°	2.8	-		-2.8		46.7		-74	-1097	406,502	2,235,308
70	880		" "	-3.6°	3.0	-		-3.0		46.5		-59	-878	406,517	2,235,527
71	660		" "	-3.6°	4.7	-		-4.7		44.8		-45	-658	406,531	2,235,747
72	520		271°48'	-3.6°	5.3	-		-5.3		44.2		-16	-520	406,568	2,235,885
72	440		269°44'	-3.6°	5.9	-		-5.9		43.6		-30	-439	406,596	2,235,966
73	220		" "	-3.6°	5.8	-		-5.8		43.7		-15	-219	406,561	2,236,186
74	0				5.0	-		-5.0		44.5	TP	0	0	406,576	2,236,408
75	220		92°41'	-3.6°	4.0	-		-4.0		45.5		+4	+220	406,580	2,236,625
76	440		92°41'	-3.6°	3.1	-		-3.1		46.4		+7	+440	406,583	2,236,845
77	660		92°41'	-3.6°	3.0	-		-3.0		46.5		+11	+660	406,587	2,237,065
TP	690		91°23'	-3.6°	2.9	-		-2.9		46.6		+27	+689	406,603	2,237,094
78	880		92°41'	-3.6°	3.0	-		-3.0		46.5		+14	+880	406,590	2,237,285
BM	1020		94°11'	-3.6°	7.4	TH	+5.1	-2.3		47.2	BM	+26	+1020	406,602	2,237,425
BM	1050		92°9'	-3.6°	3.8	-		-3.8		45.7		+27	+1050	406,603	2,237,455

42 RFJ 1972 el. 47.5  
TRAIL (North)



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DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE					
5/1/78		G. Cotcamp		F. Tellez		6834		G.W.C.		2	8					
AREA		TOPO MAP		STATE	COUNTY		TWP	RANGE	PPM	PARTY MANAGER						
Charleston		Stallville 7 1/2		S. Carolina	Dorchester					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
									45.1							
94	1530		85°05'	-36°	12.5	-		-12.5		32.6	TP	+227+2	+1513+3	406,827	2,240,768	shooting interior of curve
94	1530				4.8	θH	-7.7	-12.5			TP					
BS	880		264°51'-180°	-36°	+3.0	89°16'	-11.3	-8.3	24.3		BS	+134+3	+870-3			
BS	880				+2.0	89°20'	-10.2	-8.2			BS					
95	660		" "	-36°	4.8	89°-	+11.5	+6.7		31.0		-100	-652	406,864	2,240,983	
TP	490		267°16'	-36°	3.8	89°	+8.6	+4.6		28.9		-54	-487	406,910	2,241,148	T-intersect. (south)
96	440		" "	-36°	3.9	89°	+7.7	+3.8		28.1		-49	-437	406,915	2,241,198	
97	220		267°-	-36°	0.7	-		-0.7		23.6		-25	-219	406,939	2,241,416	
98	0				5.4	-		-5.4		18.9	TP	0	0	406,964	2,241,635	
99	220		92°03'	-36°	8.1	-		-8.1		16.2		+6	+220	406,970	2,241,855	
100	440		93°16'	-36°	8.1	-		-8.1		16.2	TP	+3+2	+440+3	406,969	2,242,072	
100	440				10.3	TH	+2.2	-8.1			TP					
BS	440		283°18'-180°	-36°	+9.7	-		+9.7	25.9		BS	-74+2	+434-3			
BS	440				+11.9	TH	-2.2	+9.7			BS					
101	220		" "	36°	8.2	-		-8.2		17.2		+37	-217	406,934	2,242,286	
102	0				5.4	-		-5.4		20.5	TP	0	0	406,897	2,242,503	
103	220		108°39'	-36°	3.0	-		-3.0		22.9		-57	+212	406,840	2,242,715	
104	440		110°35'	-36°	1.7	-		-1.7		24.2	TP	-129+3	+421-3	406,771	2,242,921	
104	440		" "		3.9	TH	+2.2	-1.7			TP					

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5/1/78		G. Cotcamp		F. Tellez		6834		G.W.C.		2	9					
AREA		TOPO MAP		STATE	COUNTY		TWP	RANGE	PPM	PARTY MANAGER						
Charleston		Stallville 7 1/2'		S. Carolina	Dorchester					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 +	EAST +	COORDINATES		REMARKS
												SOUTH -	WEST -	Y	X	
												LAT.	DEP.			
104										24.2						
BS	1980		297°36' - 180°	-36°	10.9	TH	-9.9	+0.5	24.7		BS	-805.23	+1809.23			
BS	1980		" "	-36°	14.3	89°36'	-13.8	+0.5			BS					
105	1760		" "	-36°	9.0	TH	+8.8	-0.2		24.5		+716	-1608	406,685	2,243,119	
106	1540		" "	-36°	8.0	TH	+7.7	-0.3		24.4		+626	-1407	406,595	2,243,320	
107	1320		" "	-36°	7.0	TH	+6.6	-0.4		24.3		+537	-1206	406,506	2,243,521	(correction y = +51 x = -39) 2,243,700 + 406,450 (scaled)
IF	1140		297°53'	-36°	1.1	-		-1.1		23.6		+469	-1039	406,438	2,243,688	4-Way Intersect. d. 22
108	1100		296°54'	-36°	1.8	-		-1.8		22.9		+435	-1010	406,404	2,243,717	(Rt. 165+61)
BM	1060		295°47'	-36°	5.4	TH	+5.3	-0.1		24.6	BM	+400	-982	406,369	2,243,745	U.S.G.S. d. 250
BM	1060		" "		5.0	89°44'	+4.9	-0.1								43 RFJ 1972
109	880		" "	-36°	2.5	-		-2.5		22.2		+332	-815	406,301	2,243,912	
110	660		296°36'	-36°	3.7	-		-3.7		21.0		+258	-608	406,227	2,244,119	
111	440		295°36'	-36°	4.6	-		-4.6		20.1		+165	-408	406,134	2,244,319	
112	220		299°58'	-36°	5.4	-		-5.4		19.3		+80	-205	406,049	2,244,522	✓
113	0				5.4	-		-5.4		19.3	^	0	0	405,969	2,244,727	
114	220		111°52'	-36°	4.3	-		-4.3		20.4		-69	+209	405,900	2,244,936	
V	290		107°09'	-36°	4.4	-		-4.4		20.3		-68	+282	405,901	2,245,009	Y-intersect. (apex-north)
115	440		111°10'	-36°	3.5	-		-3.5		21.2		-133	+419	405,836	2,245,146	
116	660		" "	-36°	2.0	-		-2.0		22.7		-199	+629	405,770	2,245,356	
117	880		110°16'	-36°	3.5	TH	+4.4	+0.9		25.6		-252	+843	405,717	2,245,570	
118	1100		" "	-36°	4.2	89°30'	+9.6	+5.4		30.1		-315	+1054	405,654	2,245,781	

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5/1/78		G. Cotcamp		F. Tellez		6834		G.W.C.		2	10				
AREA		TOPO MAP		STATE		COUNTY		TWP	RANGE	PPM	PARTY MANAGER				
Charleston		Stallsville 7 1/2		S. Carolina		Dorchester					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
									24.7						
119	1320		109°59'	-36°	1.1	89°30'	+11.5	+10.4		35.1		-370	+1267	405,599	2,245,994
120	1540		109°59'	-36°	4.0	89°20'	+17.9	+13.9		38.6		-432	+1478	405,537	2,246,205
121	1760		" "	-36°	5.5	89°20'	+20.5	+15.0		39.7		-494	+1689	405,975	2,246,416
122	1980		109°12'	-36°	9.0	89°20'	+23.0	+19.0			TP	-532	+1907	405,437	2,246,634
122	1980				14.7	89°10'	+28.8	+14.1		38.8	TP				
BS	1540		302°29'-180°	-36°	+4.7	89°20'	-17.9	-13.2			BS	-744	+1348		
BS	1540				+13.8	89°	-26.8	-13.1	25.7		BS				
<del>123</del>	<del>1320</del>				<del>13.5</del>	<del>89°</del>									
123	1520		302°41'	-36°	13.5	89°	+26.5	+13.0		38.7		+739	-1328	405,432	2,246,654
123	1320		302°32'	-36°	6.0	89°20'	+15.4	+9.9		35.1		+639	-1155	405,332	2,246,827
124	1100		" "	-36°	8.7	89°20'	+12.8	+4.1		29.8		+532	-963	405,225	2,247,019
125	880		" "	-36°	0.4	-		-0.4		25.3		+426	-770	405,119	2,247,212
	<del>688</del>		<del>303°44'</del>		<del>2.7</del>	<del>-</del>		<del>2.7</del>		<del>25.0</del>					
126	660		302°32'	-36°	3.6	-		-3.6		22.1		+319	-578	405,012	2,247,904
127	490		" "	-36°	4.6	-		-4.6		21.1		+213	-385	404,906	2,247,597
128	220		" "	-36°	4.8	-		-4.8		20.9		+106	-193	404,799	2,247,787
129	0				5.4	-		-5.4		20.3	TP	0	0	404,693	2,247,982
130	220		122°35'	-36°	5.0	-		-5.0		20.7		-107	+192	404,586	2,248,124
131	290		119°54'	-36°	4.7	-		-4.7		21.0		-128	+260	404,565	2,248,242
131	440		122°35'	-36°	4.5	-		-4.5		21.2		-213	+385	404,480	2,248,887

driveway (north)

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE					
5/1/78		G. Cotcamp		F. Tellez		6834		G.W.C.		2	11					
AREA		TOPO MAP		STATE	COUNTY		TWP	RANGE	PPM	PARTY MANAGER						
Charleston		Stallsville		S. Carolina	Dorchester					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 +	EAST +	COORDINATES		REMARKS
												SOUTH -	WEST -	Y	X	
												LAT.	DEP.			
									25.7							
132	660		122°34'	-36°	3.5	-		-3.5		22.2		-320	+577	404,373	2,248,559	✓
133	880		" "	-36°	1.7	-		-1.7		24.0		-426	+770	404,267	2,248,752	
134	1100		" "	-36°	5.0	TH	+5.5	+0.5		26.2		-533	+962	404,160	2,248,944	
135	1320		" "	-36°	5.5	TH	+6.6	+1.1		26.8		-639	+1155	404,054	2,249,137	
136	1540		" "	-36°	6.2	TH	+7.7	+1.5		27.2		-746	+1347	403,947	2,249,329	
137	1760		122°25'	-36°	7.2	TH	+8.8	+1.6		27.3	TP	-848	+1542	403,845	2,249,524	E.O.D.
137	1760				14.8	89°28'	+16.4	+1.6			TP					
BS	880		303°10'-180°	-36°	+0.4	-		+0.4	27.7		BS	-434	+765			
BS	880				+4.7	TH	-4.4	+0.3			BS					
138	660		" "	-36°	4.0	TH	+3.3	-0.7		27.0		+326	-574	403,737	2,249,715	
139	440		" "	-36°	2.2	-		-2.2		25.5		+217	-383	403,628	2,249,906	
140	220		" "	-36°	4.1	-		-4.1		23.6		+109	-191	403,520	2,250,098	
141	0				5.0	-		-5.0		22.7	X	0	0	403,411	2,250,289	
FF	180		122°55'	-36°	4.5	-		-4.5		23.2		-88	+157	403,323	2,250,446	4-WAY INTERSECT
142	220		" "	-36°	5.5	-		-5.5		20.2		-108	+192	403,303	2,250,481	✓
143	440		129°39'	-36°	5.5	-		-5.5		22.2		-259	+356	403,152	2,250,645	
144	660		136°14'	-36°	6.3	-		-6.3		21.4	TP	-394	+530	403,017	2,250,819	
144	660				3.0	BH	-3.3	-6.3			TP					
BS	2200		318°1'-180°	-36°	+12.4	-		+12.4	33.8		BS	-1540	+1571			
BS	2400				+2.3	BH	+10.1	+12.4			BS					

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-44B

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE						
3/4/78		F. Tellez		G. Cotcamp		683A		G.W.C.		2	12						
AREA		TOPO MAP		STATE	COUNTY	TWP	RANGE	PPM	PARTY MANAGER								
Charleston		Staatsville		S. Carolina	Dorchester				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		
									33.8								
145	1980		318° 1'	-36°	5.0	BH	-9.9	-14.9		18.9		+1386	-1414	402,863	2,250,976		
146	1760		" "	-36°	7.0	BH	-8.8	-15.8		18.0		+1232	-1257	402,709	2,251,133		
147	1540		" "	-36°	8.9	BH	-7.7	-16.6		17.2		+1078	-1100	402,555	2,251,290		
148	1320		" "	-36°	10.1	BH	-6.6	-16.7		17.1		+924	-943	402,401	2,251,447		
149	1100		" "	-36°	11.0	BH	-5.5	-16.5		17.3		+770	-786	402,247	2,251,604		
150	880		" "	-36°	10.9	BH	-4.4	-15.3		18.5		+619	-628	402,096	2,251,762		
151	660		" "	-36°	10.8	—		-10.8		23.0		+462	-471	401,939	2,251,919		
152	440		" "	-36°	7.1	—		-7.1		26.7		+308	-314	401,785	2,252,076	✓	
153	220		" "	-36°	6.7	—		-6.7		27.1		+154	-157	401,631	2,252,233		
154	0				5.0	—		-5.0		28.8	X	0	0	401,477	2,252,390		
7/2	90		127° 34'	-36°	4.2	—		-4.2		29.6		-50	+75	401,427	2,252,465	(trisection)	
BM	140		211° 47'	-36°	3.6	—		-3.6		30.2	B.M.	-123	-66	401,354	2,252,324	USC-TGS Fire 1934 el. 50.9	
155	228		137° 4'	-36°	4.0	—		-4.0		29.8		-151	+160	401,326	2,252,550	tie = -7' x = 13	
156	440		137° 4'	-36°	5.0	—		-5.0		28.8		-303	+319	401,174	2,252,709		
157	<del>660</del>																
15	626		135° 48'	-36°	6.2	—		-6.2		27.6		-416	+459	401,061	2,252,899	T-intersect (south)	
157	660		137° 4'	-36°	6.8	—		-6.8		27.0		-454	+479	401,023	2,252,869		
158	880		" "	-36°	8.4	—		-8.4		25.4		-605	+639	400,872	2,253,029		
159	1100		" "	-36°	9.6	—		-9.6		24.2		-757	+798	400,720	2,253,188		
160	1320		" "	-36°	10.0	—		-10.0		23.8		-908	+958	400,569	2,253,348		

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
5/4/78		F. Teller		G. Cotcamp		6834		G.W.C.		2		13			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Charleston		Stallville		S. Carolina		Dorchester								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
									33.8						
161	1540		137°4'	-36°	10.1	—		-10.1		23.7		-1059	+1118	400,418	2,253,508
162	1760		" "	-36°	10.0	—		-10.0		23.8		-1211	+1277	400,266	2,253,667 ✓
163	1980		" "	-36°	9.7	—		-9.7		24.1		-1362	+1437	400,115	2,253,827
164	2200		137°4'	-36°	9.1	—		-9.1		24.7	TP	-1513	+1597	399,964	2,253,987
164	2200				2.7	90°10'	-6.4	-9.1			TP				
BS	1760		318°36'180	-36°	+10.5	—		+10.5	35.2		BS	-1245	+1245		
BS	1760				+1.8	BH	+8.8	+10.6			BS				
165	1540		318°36'	-36°	10.0	—		-10.0		25.2		+7089	-1089	399,808	2,254,143
166	1320		" "	-36°	8.8	—		-8.8		26.4		+933	-933	399,652	2,254,299
167	1100		" "	-36°	7.0	—		-7.0		28.2		+778	-778	399,497	2,254,454
167	1010		318°18'	-36°	6.3	—		-6.3		28.9		+710	-718	399,429	2,254,514 Trail (North)
168	880		318°36'	-36°	5.8	—		-5.8		29.4		+622	-622	399,391	2,254,610
169	660		" "	-36°	5.5	—		-5.5		29.7		+467	-467	399,186	2,254,765
170	440		" "	-36°	5.7	—		-5.7		29.5		+311	-311	399,030	2,254,921
171	220		" "	-36°	5.8	—		-5.8		29.4		+156	-156	398,875	2,255,076
172	0				5.0	—		-5.0		30.2	TP	0	0	398,719	2,255,232 ✓
173	220		138°19'	-36°	4.0	—		-4.0		31.2		-155	+157	398,564	2,255,389
173	380		136°24'	-36°	3.6	—		-3.6		31.6		-258	+279	398,461	2,255,511 Trail (North)
174	440		138°19'	-36°	3.5	—		-3.5		31.7		-309	+313	398,410	2,255,545
175	660		" "	-36°	3.5	—		-3.5		31.7		-464	+470	398,255	2,255,702

SURVEY NOTES - HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE				
5/4/78		F. Teller		G. Cotcamp		6834		G.W.C.		2	14				
AREA		TOPO MAP		STATE	COUNTY		TWP	RANGE	PPM	PARTY MANAGER					
Charleston		Stallsville 7 1/2'		S. Carolina	Dorchester					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
									35.2						
176	880		138° 14'	-36°	3.8	—		-3.8		31.4		-618	+626	398,101	2,255,858
177	1100		" "	-36°	3.3	—		-3.3		31.9		-773	+783	397,946	2,256,015
178	1320		" "	-36°	3.2	—		-3.2		32.0		-927	+739	397,792	2,256,171
179	1540		" "	-36°	3.2	—		-3.2		32.0		-1082	+1096	397,637	2,256,328
71	1640		138°	-36°	3.2	—		-3.2		32.0		-1147	+1172	397,572	2,256,404
180	1760		138° 14'	-36°	3.6	—		-3.6		31.6	TP	-1237+2	+1252+1	397,484	2,256,485
180	1760				12.3	TH	+8.8	-3.5			TP				
BS	880		317° - 180°	-36°	+4.8	—		+4.8	36.4		BS	-605+2	+639+1		
BS	880				+9.2	TH	-4.4	+4.8			BS				
181	660		317° 35'	-36°	5.1	—		-5.1		31.3		+458	-475	397,339	2,256,650
<del>182</del>	<del>440</del>				<del>4.3</del>										
181	530		319° 30'	-36°	4.3	—		-4.3		32.1		+381	-369	397,262	2,256,756
182	110		318° 26'	-36°	5.0	—		-5.0		31.4		+310	-312	397,191	2,256,813
183	220		320° 58'	-36°	4.5	—		-4.5		31.9		+162	-149	397,043	2,256,976
184	0				5.0	—		-5.0		31.4	TP	0	0	396,881	2,257,125
185	220		140° 2'	-36°	4.4	—		-4.4		32.0		-159	+152	396,722	2,257,277
186	440		1' "	-36°	5.0	—		-5.0		31.4		-319	+303	396,562	2,257,428
187	660		" "	-36°	5.3	—		-5.3		31.1		-478	+455	396,403	2,257,580
188	890		141°	-36°	5.5	—		-5.5		30.9	TP	-648+2	+596+1	396,235	2,257,722
188	890				9.9	TH	+4.4	-5.5			TP				

SURVEY NOTES - HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
5/4/78		F. Tellez		G. Cotcamp		6834		G.W.C.		2		15			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Charleston		Staillsville		S. Carolina		Dorchester								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
										30.9					
BS	1760		322° 28' - 180°	-36°	+5.6	—	+5.6	36.5			BS	-1326.2	+1158.4		
BS	1760		" "		+10.8	89° 50'	-5.1	+5.7			BS				
189	1540		" "	-36°	6.0	—	-6.0			30.5		+1160	-1013	394,071 2,257,868	
190	1520		" "	-36°	5.7	—	-5.7			30.8		+994	-868	395,905 2,258,013	
F	1110		328° 4'	-36°	5.2	—	-5.2			31.3		+844	-721	395,755 2,258,160 Intersect (North)	
191	1100		322° 28'	-36°	5.6	—	-5.6			30.9		+828	-724	395,739 2,258,157	
192	880		" "	-36°	4.8	—	-4.8			31.7		+663	-579	395,574 2,258,302 ✓	
193	660		" "	-36°	4.2	—	-4.2			32.3		+497	-434	395,408 2,258,447	
194	440		" "	-36°	4.1	—	-4.1			32.4		+331	-289	395,242 2,258,592	
195	220		" "	-36°	4.1	—	-4.1			32.4		+166	-145	395,077 2,258,736	
F	120		329° 38'	-36°	4.4	—	-4.4			32.1		+100	-67	395,011 2,258,814 Trail (South)	
196	0				5.0	—	-5.0			31.5	X	0	0	394,911 2,258,881	
197	220		142° 8'	-36°	5.4	—	-5.4			31.1		-165	+146	394,746 2,259,027	
198	440		" "	-36°	6.0	—	-6.0			30.5		-330	+291	394,581 2,259,172	
199	660		" "	-36°	7.0	—	-7.0			29.5		-495	+437	394,416 2,259,318	
200	880		" "	-36°	8.0	—	-8.0			28.5		-659	+583	394,252 2,259,464	
201	1100		" "	-36°	9.8	—	-9.8			26.7		-824	+728	394,087 2,259,609	
202	1320		" "	-36°	11.0	—	-11.0			25.5		-989	+874	393,922 2,259,755 ✓	
203	1546		" "	-36°	11.9	—	-11.9			24.6		-1154	+1020	393,757 2,259,901	

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE							
5/4/78		F. Teller		G. Cotcamp		6834		G.W.C.		2		16							
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER					
Charleston		Stallville		S. CAROLINA		Dorchester								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				
									36.5										
204	1760		142° 8'	-36°	13.5	—		-13.5		23.0	TP	-1319.2	+1165.1	393,594	2,260,047				
204	1760				4.7	BH	-8.8	-13.5			TP								
BS	1320		318° 39'-180°	-36°	+0.4	TH	-6.6	-6.2	16.8		BS	-934.2	+933.1						
BS	1320				+5.4	89° 30'	-11.5	-6.1			BS								
205	1100		318° 10'	-36°	1.9	TH	+5.5	+3.6		20.4		+772	-784	393,434	2,260,197				
206	880		318° 39'	-36°	2.6	90° 10'	-2.6	-5.2		11.6		+623	-622	393,285	2,260,359				
207	660		" "	-36°	3.8	TH	+3.3	-0.5		16.3		+467	-466	393,129	2,260,515				
207	480		318° 18'	-36°	2.0	—		-2.0		14.8		+338	-341	393,000	2,260,640				Trail (North)
208	440		318° 39'	-36°	-2.8	—		-2.8		14.0		+311	-311	392,973	2,260,670				
209	220		" "	-36°	4.5	—		-4.5		12.3		+156	-155	392,818	2,260,826				
210	0				5.0	—		-5.0		11.8	X	0	0	392,662	2,260,981				
210	50		184° 11'	-36°	6.5	—		-6.5		-10.3		-50	0	392,612	2,260,981				el. 12.
211	220		154° 7'	-36°	7.2	—		-7.2		9.6		-192	+108	392,470	2,261,089				
212	440		153° 47'	-36°	5.6	—		-5.6		11.2	TP	-382.2	+219.1	392,282	2,261,201				✓
212	440				7.8	TH	+2.2	-5.6			TP								
BS	1540		337° 26'-180°	-36°	+7.5	90° 30'	+13.4	+20.9	32.1		BS	-1382.2	+672.1						
BS	1540			-36°	+2.9	90° 40'	+17.9	+20.8			BS								
213	1320		" "	-36°	11.9	BH	-6.6	-18.5		13.6		+1185	-582	392,087	2,261,292				
214	1100		" "	-36°	10.1	BH	-5.5	15.6		16.5		+987	-485	391,889	2,261,389				
215	880		" "	-36°	8.8	BH	-4.4	13.2		18.9		+790	-388	391,692	2,261,486				



SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE					
5/5/78		G. Cotcamp		F. Tellez		6834		G.W.C.		2	18					
AREA		TOPO MAP		STATE		COUNTY		TWP	RANGE	PPM	PARTY MANAGER					
Charleston		Stallville 7 1/2		S. Carolina		Dorchester/Charleston					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
									36.3							
230	880		138° 21'	-36°	6.0	-		-6.0		30.3	TP	-620+2	+625+6	389,130	2,263,501	
230	880				10.4	TH	+4.4	-6.0			TP					
	880		317° 53' - 180°	-3.6°	+3.2	-		+3.2	33.5		BS	-614+2	630+6			
	880		" "		+7.6	TH	-4.4	+3.2			BS					
231	660		" "	-3.6°	3.8	-		-3.8		29.7		+461	-472	388,979	2,263,665	
231	640		318° 51'	-3.6°	3.6	-		-3.6		29.9		+455	-451	388,973	2,263,686	T-intersect. (Entrance
232	440		317° 53'	-3.6°	4.0	-		-4.0		29.5		+307	-315	388,825	2,263,822	to Middleton Gardens)
233	220		" "	-3.6°	4.6	-		-4.6		28.9		+154	-157	388,672	2,263,980	
233	105		325° 07'	-3.6°	4.4	-		-4.4		29.1		+82	-65	388,600	2,264,072	T-intersect. (south) of 239
234	0				5.4	-		-5.4		28.1	X	0	0	388,518	2,264,137	388,600 + 2,264,070 (scaled) correction y = +29' x = +12'
235	220		136° 48'	-3.6°	7.8	91°	-3.8	-11.6		21.9		-151	+160	388,367	2,264,297	
236	440		136° 48'	-3.6°	12.3	91°	-7.7	-20.6		13.5		-301	+321	388,217	2,264,458	
237	660		136° 09'	-3.6°	11.6	91°	-11.5	-23.1		10.4		-446	+486	388,072	2,264,623	
238	880		135° 26'	-3.6°	2.5	91°	-15.4	-17.9		15.6		-587	+656	387,931	2,264,793	
239	1100		135° 09'	-3.6°	9.1	-		-9.1		24.4	TP	-730-3	+823-2	387,785	2,264,958	last station in Dorchester Co.
239	1100				3.6	TH	-5.5	-9.1			TP					
	1320		313° 58' - 180°	-3.6°	+14.1	BH	+6.6	+20.7	45.1		BS	-855-4	+1006-3			
	1320				+9.9	90° 28'	+10.7	+20.6			BS					
240	1100		313° 58'	-3.6°	9.0	BH	-5.5	-14.5		30.6		+712	-838	387,638	2,265,123	first station in Charleston Co.
241	880		" "	-3.6°	11.2	-		-11.2		33.9		+570	-670	387,496	2,265,291	

SURVEY NOTES-HIGH RESOLUTION DATA

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DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE					
5/5/78		G. Cotcamp		F. Tellez		6834		G.W.C.		2	19					
AREA		TOPO MAP		STATE	COUNTY		TWP	RANGE	PPM	PARTY MANAGER						
Charleston		Stallville 7 1/2'		S. Carolina	Charleston					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 +	EAST +	COORDINATES		REMARKS
												SOUTH -	WEST -	Y	X	
												LAT.	DEP.			
									45.1							
242	660		313°58'	-3.6°	9.2	-		-9.2		35.9		+427	-503	387,353	2,265,458	✓
243	440		" "	-3.6°	7.6	-		-7.6		37.5		+285	-335	387,211	2,265,626	
244	220		" "	-3.6°	6.3	-		-6.3		38.8		+142	-168	387,068	2,265,793	
245	0				5.4	-		-5.4		39.7	X	0	0	386,926	2,265,961	
246	70		123°23'	-3.6°	4.1	-		-4.1		41.0		-35	+61	386,891	2,266,022	4-Way Intersect
246	220		123°23'133°49'	-3.6°	3.8	-		-3.8		41.3		+42	+168	386,784	2,266,129	
247	440		133°49'	-3.6°	3.2	-		-3.2		41.9		-284	+336	386,642	2,266,297	
248	660		" "	-3.6°	2.6	-		-2.6		42.5		-426	+504	386,500	2,266,465	
249	880		" "	-3.6°	2.0	-		-2.0		43.1		-568	+672	386,358	2,266,633	
250	1100		" "	-3.6°	1.7	-		-1.7		43.4		-710	+890	386,216	2,266,801	
251	1320		" "	-3.6°	6.8	TH	+6.6	-0.2		44.9		-852	+1008	386,074	2,266,969	
252	1540		" "	-3.6°	7.1	TH	+7.7	+0.6		45.7		-994	+1176	385,932	2,267,137	✓
253	1760		133°49'	-3.6°	7.0	TH	+8.8	+1.8		46.9		-1136	+1344	385,790	2,267,305	
254	1980		133°30'	-3.6°	7.3	TH	+9.9	+2.6		47.7	TP	-1270.4	+1519.2	385,652	2,267,478	
254	1980				10.2	89°38'	+12.7	+2.5			TP					
	440		299°30'-180°	-3.6°	+4.0	+		+4.0	51.7		BS	-192.3	+396.3			
	440				+6.2	TH	-2.2	+4.0			BS					
255	220															
255	315		298°02'	-3.6°	4.7	-		-4.7		47.0		+130	-287	385,587	2,267,584	Fintersect. (north)
255	220		293°45'	-3.6°	4.5	-		-4.5		47.2		+76	-207	385,533	2,267,664	

note: intersection between 254+255 has apparently been changed. field checked

SURVEY NOTES-HIGH RESOLUTION DATA

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DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
5/5/78		G. Cotcamp		F. Tellez		6834		G.W.C.		2		20			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Charleston		Stallsville 7 1/2		S. Carolina		Charleston								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
									51.7						
256	0				5.4	-		-5.4		46.3	T	0	0	385,457	2,267,871
257	220		107° 01'	-36°	6.8	-		-6.8		44.9		-51	+214	385,406	2,268,085
258	440		" "	-36°	7.8	-		-7.8		43.9		-102	+928	385,355	2,268,299
259	550		105° 53'	-36°	8.1	-		-8.1		43.6		-117	+537	385,340	2,268,408
259	660		106° 56'	-36°	8.5	-		-8.5		43.2		-152	+642	385,305	2,268,513
260	880		" "	-36°	9.2	-		-9.2		42.5		-203	+856	385,254	2,268,727
261	1100		106° 52'	-36°	11.8	-		-11.8		39.9	TP	-252-4	+1071-2	385,201	2,268,940
261	1100				6.3	BH	-5.5	-11.8			TP				
	880		286° 53' - 180°	-36°	+6.4	89° -	-15.4	-9.0	30.9		BS	-202-4	+856-3		
	880				+2.8	89° 14'	-11.8	-9.0			BS				
	910		287° 29'	-36°	6.1	89°	+15.9	+9.8		40.7		+217	-884	385,212	2,268,909
262	660		268 286° 53'	-36°	8.2	89°	+11.5	+3.3		34.2		+152	-642	385,147	2,269,154
263	440		" "	-36°	3.9	-		-3.9		21.0		+101	-428	385,096	2,269,365
264	220		" "	-36°	7.8	-		-7.8		23.1		+51	-214	385,046	2,269,579
265	0				5.4	-		-5.4		25.5	T	0	0	384,995	2,269,793
266	220		105° 57'	-36°	6.5	TH	+1.1	+0.6		31.5		-47	+215	384,948	2,270,008
267	440		105° 57'	-36°	9.6	88° -	+15.4	+5.2		36.7		-94	+430	384,901	2,270,223
<del>268</del>	<del>660</del>		<del>105° 57'</del>		<del>3.5</del>	<del>89°</del>	<del>+11.5</del>	<del>+8.0</del>		<del>38.9</del>	<del>TP</del>				
268	510		105° 02'	-36°	2.1	89°	+8.9	+6.8		37.7		-101	+500	384,894	2,270,293
268	660		105° 57'	-36°	3.5	89° -	+11.5	+8.0		38.9	TP	-141-3	+645-2	384,851	2,270,436

T intersect. (north)

(north) T intersect. of 41

last sta. in Stallsville Quad.

first sta. in Ladson Quad.

Trail (south)

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Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY			LINE NO.	PAGE					
5-11-78		F. Tellez		G. CotCamp		6834		G.W.C.			2	21					
AREA		TOPO MAP		STATE		COUNTY		TWP	RANGE	PPM	PARTY MANAGER						
Charleston		Ladson 7 1/2'		South Carolina		Charleston					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		
268										38.9							
BS	440		287°59'-180°	-3.6°	+6.6	—		+6.6	45.5		BS	-109.4	+426.3				Shooting across
BS	440				+8.8	TH	-2.2	+6.6			BS						CURVE
269	220		289°22'	-3.6°	6.0	—		-6.0		39.5		+60	-212	384,798	2,270,647		
270	0				5.4	—		-5.4		40.1	T	0	0	384,738	2,270,859		
271	220		117°44'	-3.6°	5.2	—		-5.2		40.3		-90	+201	384,648	2,271,060		
IF	410		118° -	-3.6°	4.8	—		-4.8		40.7		-169	+373	384,569	2,271,232		T-intersect (south)
272	440		117°36'	-3.6°	5.2	—		-5.2		40.3	TP	-179.4	+402.2	384,555	2,271,259		2.41.0
272	440				2.9	BH	-2.2	-5.1		40.4	TP						
BS	1540		301°11'-180°	-3.6°	+6.1	89°	-26.9	-20.8	19.8		BS	-713.3	+1365.3				
BS	1540		" "		+4.1	89°05'	-24.6	-20.5	20.4		BS						
273	1320		301°11'	-3.6°	4.0	89°	+23.0	+19.0		38.8		+611	-1170	384,450	2,271,451		
274	1100		" "	-3.6°	4.1	89°	+19.2	+15.1		34.9		+509	-975	384,348	2,271,646		
275	880		" "	-3.6°	4.2	89°	+15.4	+11.2		31.0		+407	-780	384,246	2,271,841		
276	660		" "	-3.6°	5.0	89°	+11.5	+6.5		26.3		+306	-585	384,145	2,272,036		
IF	450		303°	-3.6°	0.1	TH	+2.3	+2.2		22.0		+221	-392	384,060	2,272,229		Trail (south)
277	440		301°11'	-3.6°	6.0	89°	+7.7	+1.7		21.5		+204	-390	384,043	2,272,231		
278	220		" "	-3.6°	2.9	—		-2.9		16.9		+102	-195	383,941	2,272,426		
279	0		" "		5.4	—		-5.4		14.4	T	0	0	383,839	2,272,621		
280	220		120°39'	-3.6°	5.0	—		-5.0		14.8		-100	+196	383,739	2,272,817		
281	440		" "	-3.6°	3.1	—		-3.1		16.7		-200	+392	383,639	2,273,013		

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DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE					
5-11-78		F. Tellez		G. Cotcamp		6834		G.W.C.		2	22					
AREA		TOPO MAP		STATE		COUNTY		TWP	RANGE	PPM	PARTY MANAGER					
Charleston		Ladson 7.5		S. Carolina		Charleston					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
									19.8							
282	660		120°39'	-36°	4.2	TH	+3.3	-0.9		18.9		-300	+588	383,539	2,273,209	✓
283	880		" "	-36°	5.8	TH	+4.4	-1.4		18.4		-400	+784	383,439	2,273,405	
	1010		" "	-36°	7.5	TH	+5.1	-2.4		17.4		-459	+900	383,380	2,273,521	Trail (south)
284	1100		" "	-36°	3.2	—		-3.2		16.6		-500	+980	383,339	2,273,601	
285	1320		120°39'	-36°	7.3	—		-7.3		12.5	TP	-600-4	+1176-2	383,235	2,273,795	
285	1320				13.9	TH	+6.6	-7.3			TP					
BS	1320		300°28'-180°	-36°	+5.6	BH	+6.6	+12.2			BS	-597-4	+1178-3			
BS	1320				+12.1	—		+12.1	24.6		BS					
286	1100		" "	-36°	8.0	BH	-5.5	-13.5		11.1		+497	-981	383,131	2,273,989	
287	880		" "	-36°	11.2	—		-11.2		13.4		+398	-785	383,032	2,274,185	
288	660		" "	-36°	8.0	—		-8.0		16.6		+298	-589	382,932	2,274,381	
289	440		" "	-36°	6.5	—		-6.5		18.1		+199	-393	382,833	2,274,577	
290	220		" "	-36°	5.8	—		-5.8		18.8		+99	-196	382,733	2,274,774	
291	0				5.4	—		-5.4		19.2	X	0	0	382,634	2,274,970	
292	220		" "	-36°	5.0	—		-5.0		19.6		-103	+194	382,531	2,275,164	✓
293	440		121°34'	-36°	4.9	—		-4.9		19.7	TP	-206-3	+389-2	382,425	2,275,357	
293	440				7.1	TH	+2.2	-4.9			TP					
BS	220		310°09'-180°	-36°	+5.0	—		+5.0	24.7		BS	-131-4	+177-3			
BS	220		" "		+6.0	TH	-1.1	+4.9			BS					
294	0				5.4	—		-5.4	19.3		X	0	0	382,290	2,275,531	

SURVEY NOTES-HIGH RESOLUTION DATA

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Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY			LINE NO.		PAGE						
5-11-78		F. Teloz		G. Cotcamp		6834					2		23						
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER					
Charleston		Littlesm 7.5'		S. Carolina		Charleston								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				
									24.7										
295	220		137°34'	-3.6°	5.0	—		-5.0		19.7		-153	+158	382,137	2,275,689				
296	440		" "	-3.6°	4.4	—		-4.4		20.3		-305	+317	381,985	2,275,848				
297	660		" "	-3.6°	4.2	—		-4.2		20.5		-458	+475	381,832	2,276,006				
298	880		137°34'	-3.6°	5.2	—		-5.2		19.5	TP	-611-4	+633-2	381,675	2,276,162				
298	880				9.6	TH	-4.4	-5.2			TP								
BS	1100		318°16'-180°	-3.6°	+2.4	—		+2.4	21.9		BS	-773-3	+782-3						
BS	1100				+0.7	90°05'	+1.6	+2.3			BS								
<del>299</del>																			
IF	900		320°19'	-3.6°	2.4	—		-2.4		19.5		+655	-617	381,554	2,276,324				4-WAY intersect
299	880		318°16'	-3.6°	2.8	—		-2.8		19.1		+619	-626	381,518	2,276,315				of 20.
300	660		" "	-3.6°	3.0	—		-3.0		18.9		+464	-469	381,363	2,276,972				
301	440		" "	-3.6°	3.3	—		-3.3		18.6		+309	-313	381,208	2,276,628				
302	220		" "	-3.6°	5.2	—		-5.2		16.7		+155	-156	381,054	2,276,785				✓
303	0				5.4	—		-5.4		16.5	π	0	0	380,899	2,276,941				
304	220		137°47'	-3.6°	7.8	—		-7.8		14.1		-153	+158	380,746	2,277,099				
305	420		137°	-3.6°	9.7	—		-9.7		12.2		-289	+305	380,610	2,277,246				TRAIL (N.E.)
305	440		137°47'	-3.6°	10.3	—		-10.3		11.6		-307	+316	380,592	2,277,257				
306	660		" "	-3.6°	11.2	—		-11.2		10.7		-460	+473	380,439	2,277,914				
307	880		" "	-3.6°	8.0	BH	-4.4	-12.4		9.5		-613	+631	380,286	2,277,572				
308	1100		" "	-3.6°	5.7	BH	-5.5	-11.2		10.7		-767	+789	380,132	2,277,730				

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Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE						
5-11-78		F. Tellez		G. Coteaux		6834		G.W.C.		2	24						
AREA		TOPO MAP		STATE	COUNTY		TWP	RANGE	PPM	PARTY MANAGER							
Charleston		Johns Island 7.5		S. CAROLINA	Charleston					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		
									21.9								
309	1320		137°47'	-36°	7.7	—		-7.7		14.2		-920	+947	379,979	2,277,888		
310	1540		137°47'		5.1	—		-5.1	5.2	16.7	TP	-1073.4	+1104.2	379,822	2,278,043	ON CENTER LINE of ROAD	
310	1540				3.1	90°05'	-2.2	-5.3		TP							
BS	1320		318°11'-180°	-36°	+6.7	—		+6.7	23.4		BS	-927.3	+940.3				
BS	1320		" "		+13.2	TH	-6.6	+6.6		BS							
311	1100		" "	-36°	5.9	—		-5.9		17.5		+772	-783	379,664	2,278,197		
312	880		" "	-36°	5.6	—		-5.6		17.8		+618	-627	379,510	2,278,353	✓	
313	660		" "	-36°	5.8	—		-5.8		17.6		+463	-470	379,355	2,278,510		
314	440		" "	-36°	5.3	—		-5.3		18.1		+309	-313	379,201	2,278,667		
315	220		" "	-36°	5.8	—		-5.8		17.6		+154	-157	379,046	2,278,823		
316	0				3.4	—		-5.4		18.0	X	0	0	378,892	2,278,980		
317	200		135°—	-36°	4.2	—		-4.2		19.2		-132	+150	378,760	2,279,130	2,279,130+378,760 (scaled) T-Intersect (N6) 20.14.0	
317	220		137°58'	-36°	4.4	—		-4.4		19.0		-154	+157	378,738	2,279,137	Correction: y = -65' x = -45'	
318	440		" "	-36°	4.0	—		-4.0		19.4		-308	+315	378,584	2,279,295		
319	660		" "	-36°	3.0	—		-5.0		20.4		-462	+472	378,430	2,279,452		
320	880		" "	-36°	2.0	—		-2.0		21.4		-615	+629	378,277	2,279,609		
321	1100		" "	-36°	6.9	PH	+5.5	-1.4		22.0		-769	+786	378,123	2,279,766		
322	1320		137°58'	-36°	1.0	—		-1.0		22.1	TP	-923.2	+944.5	377,971	2,279,919	✓	
322	1320				7.5	TH	+6.6	-0.9		22.5	TP						

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
5-11-78		F. Tellez		B. Cotcamp		6834		G.W.C.		2		25			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Charleston		Johns Island 7.5		S. CAROLINA		Charleston								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
										22.5					
BS	1320		318° 36' - 180°	-36°	+7.1	90° 30'	+11.5	+18.6	41.0		BS	-933+2	+933-5		
BS	1320		" "		+10.7	90° 20'	+7.7	+18.4	+18.5		BS				
323	1100		318° 36'	-36°	7.5	90° 30'	-9.6	-17.1		23.9		+778	-778	377,818	2,280,089
324	880		" "	-36°	10.8	BH	-4.4	-15.2		25.8		+622	-622	377,662	2,280,225
325	660		" "	-36°	13.0	—		-13.0		28.0		+467	-467	377,507	2,280,380
326	440		319° -	-36°	11.7	—		-11.7		29.3		+413	-407	377,453	2,280,440
326	440		318° 36'	-36°	10.0	—		-10.0		31.0		+311	-311	377,351	2,280,536
327	220		" "	-36°	7.2	—		-7.2		33.8		+156	-156	377,196	2,280,691
327	40		338° -	-36°	5.8	—		-5.8		35.2		+36	-17	377,076	2,280,830
328	0				5.5	—		-5.5		35.5		0	0	377,040	2,280,847
329	220		138° 39'	-36°	4.8	—		-4.8		36.2		-156	+155	376,884	2,281,002
330	440		" "	-36°	4.2	—		-4.2		36.8		-311	+311	376,727	2,281,158
331	660		" "	-36°	5.0	—		-5.0		36.0		-467	+466	376,573	2,281,313
332	880		" "	-36°	6.9	—		-6.9		34.1		-623	+622	376,917	2,281,467
332	960		138° -	-36°	7.5	—		-7.5		33.5		-672	+686	376,368	2,281,533
333	1100		138° 39'	-36°	8.9	—		-8.9		32.1		-778	+777	376,212	2,281,624
334	1320		138° 39' "	-36°	10.4	—		-10.4			TP	-934+2	+933-5	376,108	2,281,775
334	1320				3.7	BH	-6.6	-10.3		30.7	TP				
BS	1320		318° 58' - 180°	-36°	+2.8	TH	-6.6	-3.8			BS	-939+2	+927-5		
BS	1320				+7.8	89° 20'	11.5	-3.7	27.0		BS				

Trail (west) el. 30.0

Trail (N.E.)

Trail (sw) el. 31.0

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Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
5-11-78		F. Tellez		G. Costamp		6834		G.W.C		2		26			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Charleston		JOHNS ISLAND 7.5'		S. CAROLINA		Charleston								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
									27.0						
335	1100		318°58'	-36°	3.0	TH	+5.5	+2.5		29.5		+783	-773	375,954	2,281,924
336	880		" "	-36°	3.5	TH	+4.4	+0.9		27.9		+626	-618	375,797	2,282,079
337	660		" "	-36°	4.2	TH	+3.3	+0.9		26.1		+470	-464	375,641	2,282,233
338	<del>440</del> 440		" "	-36°	3.0	-		-3.0		24.0		+313	-309	375,484	2,282,388
339	220		" "	-36°	4.0	-		-4.0		23.0		+157	-155	375,328	2,282,542
340	0				5.4	-		-5.4		21.6	TP	0	0	375,171	2,282,697
341	420		139°05'	-36°	6.0	-		-6.0		21.0		-157	+154	375,014	2,282,851
342	440		" "	-36°	6.2	-		-6.2		20.8		-314	+308	374,857	2,283,005
343	660		" "	-36°	6.5	-		-6.5		20.5		-471	+463	374,700	2,283,160
344	880		" "	-36°	7.2	-		-7.2		19.8		-627	+617	374,544	2,283,314
345	1100		" "	-36°	7.4	-		-7.4		19.6		-784	+771	374,387	2,283,468
346	1320		139°05'	-36°	8.2	-		-8.2		18.8	TP	+941+2	+925-5	374,232	2,283,617
346	1320				1.7	BH	-6.6	-8.3			TP				
BS	1540		318°48'-180°	-36°	+6.5	FH	-7.7	-1.2	17.6		BS	-1093+2	+1085-5		
BS	1548				+12.2	89°30'	-13.4	-1.2			BS				
347	1320		318°48'	-36°	5.1	FH	+6.6	+1.5		19.1		+937	-930	374,078	2,283,767
348	1100		" "	-36°	4.3	TH	+5.5	+1.2		18.8		+781	-775	373,922	2,283,922
349	880		" "	-36°	4.5	TH	+4.4	-0.1		17.5		+624	-620	373,765	2,284,077
IL JT	840		319°41'	-36°	3.4	TH	+4.2	+0.8		18.4		+605	-583	373,746	2,284,114
350	660		318°48'	-36°	2.0	-		-2.0		15.6		+468	-465	373,609	2,284,232

4-WAY INTERSECT W 180

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY			LINE NO.		PAGE		
5-11-78		F. Tellez		G. Cotcamp		6834		G.W.C.			2		27		
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Charleston		John Island 7.5'		S. Carolina		Charleston								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
									17.6						
351	440		318° 48'	-36°	4.3	-	-4.3		13.3			+312	-310	373,453	2,284,387
352	220		" "	-36°	5.2	-	-5.2		12.4			+156	-155	373,297	2,284,542
353	70		330° 27'	-36°	5.1	-	-5.1		12.5			+59	-38	373,200	2,284,659 DRIVEWAY (NE)
354	0				5.4	-	-5.4		12.2	TP		0	0	373,141	2,284,697
354	220		138° 32'	-36°	3.2	-	-3.2		14.4			-155	+156	372,986	2,284,853
355	440		" "	-36°	3.0	-	-3.6		14.6			-311	+319	372,830	2,285,008
356	660		" "	-36°	2.0	-	-2.0		15.6			-466	+467	372,675	2,285,164
357	880		" "	-36°	5.5	TH	+4.4	-1.1	16.5			-622	+623	372,519	2,285,320
358	1005		139° 06'	-36°	0.5	-	-0.5		17.1	TP		-717	+704	372,424	2,285,401 TRAIL (NE)
<del>358</del>	<del>1100</del>				<del>5.4</del>	<del>TH</del>									
358	1100		138° 32'	-36°	5.8	TH	+5.5	-0.3	17.3			-777	+779	372,364	2,285,476
359	1320		138° 32'	-36°	6.0	TH	+6.6	+0.6	18.2	TP		-932+2	+934-5	372,211	2,285,626
359	1320				11.0	89° 30'	+11.5	+0.5		TP					
BS	1320		318° 58' - 180°	-36°	+3.6	-		+3.6	21.8	BS		-939+2	+927-5		
BS	1320				+10.2	TH	-6.6	+3.6		BS					
360	1100		318° 58'	-36°	8.0	TH	+5.5	-2.5	19.3			+783	-773	372,057	2,285,775
361	880		" "	-36°	3.0	-		-3.0	18.8			+626	-618	371,900	2,285,930
362	780		319° 43'	-36°	2.6	-		-2.6	19.2			+562	-541	371,836	2,286,007 TRAIL (NE) rd. 120
362	640		318° 58'	-36°	3.0	-		-3.0	18.8			+470	-464	371,744	2,286,084
363	440		" "	-36°	3.0	-		-3.0	18.8			+313	-309	371,587	2,286,239

SURVEY NOTES-HIGH RESOLUTION DATA

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Geosource Inc.

DATE 5-11-78	INSTRUMENT MAN F. Tellez	ROD MAN F. Cotcamp	PARTY NUMBER 6834	NOTES CHECKED BY G.W.C.	LINE NO. 2	PAGE 28
AREA Charleston	TOPO MAP Johns Island 7.5.	STATE S. Carolina	COUNTY Charleston	TWP	RANGE	PPM
PARTY MANAGER K.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
									21.8						
364	220		318°58'	-36°	3.9	—		-3.9		17.9		+157	-155	371,431	2,286,393
IF	150		318°21'	-36°	4.2	—		-4.2		17.6		+106	-107	371,380	2,286,491 Fintense. (cemetery)
365	0				5.4	—		-5.4		16.4	X	0	0	371,274	2,286,548
366	220		138°12'	-36°	6.3	—		-6.3		15.5		-154	+157	371,120	2,286,705
367	440		" "	-36°	7.0	—		-7.0		14.8		-309	+313.	370,965	2,286,861
368	660		" "	-36°	7.0	—		-7.0		14.8		-463	+470	370,811	2,287,018
IF	840		138°07'	-36°	6.7	—		-6.7		15.1		-589	+599	370,685	2,287,197 TRAIL (SW)
369	880		138°12'	-36°	6.7	—		-6.7		15.1		-618	+627	370,656	2,287,175
370	1100		" "	-36°	7.0	—		-7.0		14.8		-772	+783	370,502	2,287,331
371	1320		" "	-36°	6.0	—		-6.0		15.8		-927	-940	370,347	2,287,488
372	1540		138°12'	-36°	5.0	—		-5.0		16.8	TP	7081+2	+1097-5	370,195	2,287,643 ✓
372	1540				12.7	TH	+7.7	-5.0			TP				
BS	1320		316°02'-180°	-36°	7.8	—		+7.8	24.6		BS	-891+2	+974-5		
BS	1520				14.4	TH	-6.6	+7.8			BS				
373	1160		" "	-36°	6.9	—		-6.9		17.7		+742	-812	370,048	2,287,800
374	880		" "	-36°	6.1	—		-6.1		18.5		+594	-649	369,900	2,287,963
375	660		" "	-36°	6.0	—		-6.0		18.6		+445	-487	369,751	2,288,125
376	440		" "	-36°	5.4	—		-5.4		19.2		+297	-325	369,603	2,288,287
IF	420		316°25'	-36°	5.5	—		-5.5		19.1		+285	-308	369,591	2,288,304 TRAIL (NE) Furman Dr
377	220		316°02'	-36°	5.5	—		-5.5		19.1		+148	-162	369,454	2,288,450

SURVEY NOTES-HIGH RESOLUTION DATA  
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Geosource Inc.

DATE 5-11-78	INSTRUMENT MAN F. Tellez	ROD MAN G. Cotcamp	PARTY NUMBER 4834	NOTES CHECKED BY G.W.C.	LINE NO. 2	PAGE 29 of 29
AREA Charleston	TOPO MAP Johns Island 7.5	STATE S. Carolina	COUNTY Charleston	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.	
									24.6					
378	0				5.4	-		-5.4		19.2	TP	-0	0	369,306 2,288,612
379	220		135°57'	-36°	5.7	-		-5.7		18.9		-148	+163	369,158 2,288,775
380	440		" "	-36°	4.8	-		-4.8		19.8		-296	+325	369,010 2,288,937
381	450		135°36'	-36°	4.7	-		-4.7		19.9		-301	+334	369,005 2,288,946 Trail SW Beestery Rd
381	660		135°57'	-36°	3.5	-		-3.5		21.1		-445	+488	368,861 2,289,100
382	880		" "	-36°	6.1	TH	+4.4	-1.7		22.9		-593	+650	368,713 2,289,262
383	1100		" "	-36°	2.0	TH	+5.5	+3.5		28.1		-741	+813	368,565 2,289,425
384	1320		" "	-36°	3.0	89°20'	+15.4	+12.4		37.0		-889	+976	368,417 2,289,588
385	1540		135°57'	-36°	0.2	89°0'	+21.1	+20.9		45.5	TP	-1037.2	+1138.5	368,271 2,289,745 EOL #2
385	1540				3.2	89°06'	+24.2	+21.0			TP			
BS	7685		320°03'-180°	-36°	+10.1	88°30'	-13.9	-3.8			BS	-496.2	+472.5	
BS	7685		"		+14.0	88°30'	+17.9	-3.9	41.6		BS			
385	610		129°22'	-36°	3.2	92°	+21.3	-24.5		17.1	TP	-357	+495.4	367,420 2,290,703 T-intersect (sw) el. 17.0 2,290,700 seated 367,420 Correction y = +29' x = -69'