

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE					
8/4/81		G. Cotcamp		D. Harris		6834		rlw		9	1					
AREA		TOPO MAP		STATE	COUNTY		RANGE	PPM	PARTY MANAGER							
New England		Lowell Mountain		New Hampshire	Cheshire				L. 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	
BM										1159.0				224,520	358,850	el. 1159 R
	680		166°32'+180°	-14.2°	+9.1	-		+9.1	1168.1		BS	+602-2	-316			U.S.G.S. c16 1926
	680				+12.5	TH	-3.4	+9.1			BS					
X	0				5.4	-		-5.4		1162.7	X	0	0	225,120	358,534	
TP	1390		336°21'	-14.2°	5.9	TH	+6.9	+1.1		1169.2	TP	+1098-3	-853	226,215	357,681	
TP	1390				3.8	89°48'	+4.9	+1.1			TP					
	880		176°37'+180°	-14.2°	+1.2	-		+1.2	1170.4		BS	+839-2	-266			
	880				+5.6	TH	-4.4	+1.2			BS					
X	0				5.4	-		-5.4		1165.0	X	0	0	227,052	357,445	
TP	960		20°37'	-14.2°	4.8	-		-4.8		1165.6	TP	+954-3	+107	228,003	357,522	
TP	960				3.1	90°06'	-1.7	-4.8			TP					
	1145		214°00'-180°	-14.2°	+6.5	91°-	+20.0	+26.5	1192.1		BS	+1077-2	+388			
	1145				+11.1	90°46'	+15.3	+26.4			BS					
IF	180		208°39'	-14.2°	9.2	-		-9.2	1182.9			-174	-45	228,904	357,865	228,880+357,840 I-rod (east)
X	0				5.4	-		-5.4		1186.7	X	0	0	229,078	357,910	
1	417		20°57'	-14.2°	6.1	-		-6.1		1186.0	TP	+414-3	+49	229,489	357,959	
1	417				4.0	04	-2.1	-6.1			TP					
	330		210°44'-180°	-14.2°	+6.1	-		+6.1	1192.1		BS	+316-2	+94			
	330				+7.8	TH	-1.7	+6.1			BS					
2	0				5.4	-		-5.4		1186.7	X	0	0	229,803	358,053	

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE				
8/4/81		G. Cotcamp		D. Harris		6834		rdw		9	2				
AREA		TOPO MAP		STATE		COUNTY		RANGE	PPM	PARTY MANAGER					
New England		Lovewell Mountain		New Hampshire		Cheshire				L. 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
									1192.1						
3	330		12°26'	-14.2°	9.2	-		-9.2		1182.9	TP	+330-3	-10	230,130	358,043
3	330				10.9	TH	+1.7	-9.2			TP				
	983	982.4	169°48'30"+180°	-14.2°	+2.0	92°-	+34.3	+36.3	1219.2		BS	+895-3	-406		
	983				+9.4	91°34'	+26.7	+36.3			BS				
4	660		167°44'	-14.2°	9.3	91°30'	-17.3	-26.6		1192.6		-591	+294	230,431	357,931
5	330		"	"	7.8	91°-	-5.8	-13.6		1205.6		-295	+147	230,727	357,784
6	0				5.4	-		-5.4		1213.8	π	0	0	231,022	357,637
7	333		355°08'	-14.2°	7.2	-		-7.2		1212.0	TP	+315-3	-109	231,334	357,528
7	333				5.5	BH	-1.7	-7.2			TP				
	658		194°17'-180°	-14.2°	+7.2	-		+7.2	1219.2		BS	+658-3	+1		
	658				+10.5	TH	-3.3	+7.2			BS				
8	330		185°52'	-14.2°	6.3	-		-6.3		1212.9		-327	+48	231,662	357,577
9	0				5.4	-		-5.4		1213.8	π	0	0	231,989	357,529
10	330		353°44'	-14.2°	10.1	-		-10.1		1209.1	TP	+309-3	-115	232,295	357,414
10	330				11.8	TH	+1.7	-10.1			TP				
	501		154°55'+180°	-14.2°	+14.1	-		+14.1	1223.2		BS	+388-3	-317		
	501				+11.6	BH	+2.5	+14.1			BS				
11	170		154°55'	-14.2°	9.1	-		-9.1		1214.1		-132	+108	232,548	357,205
π	0				5.4	-		-5.4		1217.8	π	0	0	232,680	357,097
12	160		350°09'	-14.2°	1.7	-		-1.7		1221.5		+146	-65	232,826	357,032

split sta. - curve

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE					
8/4/81		G. Cotcamp		D. Harris		6834		JDO		9	3					
AREA		TOPO MAP		STATE	COUNTY		RANGE	PPM	PARTY MANAGER							
New England		Lovewell Mountain		New Hampshire	Cheshire				L. 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	
									1223.2							
13	490		350°09'	-14.2°	1.7	-		-1.7		1221.5		+447	-200	233,127	356,897	
14	810		345°54'40"	-14.2°	1.6	TH	+4.1	+2.5		1225.7	TP	+713-2	-384	233,391	356,713	
14	810				4.6	89°30'	+7.1	+2.5			TP					
	660		147°26'+180°	-14.2°	+12.4	BH	+3.3	+15.7	1241.4		BS	+452-2	-481			
	660				+11.8	90°20'	+3.8	+15.6			BS					
15	330		145°43'	-14.2°	11.0	-		-11.0		1230.4		-219	+247	233,622	356,479	
16	0				5.4	-		-5.4		1236.0	π	0	0	233,841	356,232	
17	336		341°19'	-14.2°	2.0	-		-2.0		1239.4	TP	+282-2	-183	234,121	356,049	
17	336				3.7	TH	+1.7	-2.0			TP					
	340		178°58'+180°	-14.2°	+2.8	89°-	-5.9	-3.1	1236.3		BS	+328-2	-89			
	340				+4.8	88°40'	-7.9	-3.1			BS					
18	0				5.4	-		-5.4		1230.9	π	0	0	234,447	356,960	
19	330		26°03'	-14.2°	9.0	-		-9.0		1227.3		+323	+68	234,770	356,028	
20	660		"	"	11.4	-		-11.4		1224.9		+646	+136	235,093	356,096	
21	990		26°03'	-14.2°	11.1	-		-11.1		1225.2	TP	+969-2	+203	235,414	356,163	
21	990				6.1	BH	-5.0	-11.1			TP					
	660		191°47'+180°	-14.2°	+14.5	-		+14.5	1239.7		BS	+659-2	-28			
	660				+11.2	BH	+3.3	+14.5			BS					
22	330		189°53'	-14.2°	6.5	-		-6.5		1233.2		-329	+25	235,742	356,160	
23	0				5.4	-		-5.4		1234.3	π	0	0	236,071	356,135	

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE						
8/4/81		G. Cotcamp		D. Harris		6834		rdw		9	4						
AREA		TOPO MAP	STATE	COUNTY		TWP	RANGE	PPM	PARTY MANAGER								
New England		Lovewell Mountain	New Hampshire	Cheshire					L. 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		
									1239.7								
24	331		5°23'	-14.2°	8.0	-		-8.0		1231.7	TP	+327-2	-51	236,396	356,084		
24	331				6.4	BH	-1.7	-8.1			TP						
	335		201°08'-180°	-14.2°	+7.4	-		+7.4	1239.1		BS	+333-2	+40				
	335				+9.1	TH	-1.7	+7.4			BS						
25	0				5.4	-		-5.4		1233.7	π	0	0	236,727	356,129		
26	330		37°29'	-14.2°	2.1	-		-2.1		1237.0	1	+303	+130	237,030	356,259		
27	661		37°29'	-14.2°	2.2	TH	+3.3	+1.1		1240.2	TP	+607-3	+261	237,331	356,385		
27	661				3.1	89°38'	+4.2	+1.1			TP						
	330		229°11'-180°	-14.2°	+0.5	-		+0.5	1240.7		BS	+270-3	+189				
	330				+2.2	TH	-1.7	+0.6			BS						
28	0				5.4	-		-5.4		1235.3	π	0	0	237,598	356,574		
29	330		31°47'	-14.2°	10.5	-		-10.5		1230.2	TP	+315-3	+100	237,910	356,674		
29	330				8.8	BH	-1.7	-10.5			TP						
	329		176°49'+180°	-14.2°	+11.8	91°-	+5.7	+17.5	1247.7		BS	+314-3	-98				
	329				+13.7	90°40'	+3.8	+17.5			BS						
FF	107		174°55'	-14.2°	12.8	-		-12.8		1234.9		-101	+35	238,120	356,611	Trd (east)	
30	0				5.4	-		-5.4		1242.3	π	0	0	238,221	356,576		
31	330		338°24'	-14.2°	1.5	88°-	+11.5	+10.0		1257.7		+268	-193	238,489	356,383		
32	660		338°24'	-14.2°	12.9	87°48'	+25.3	+12.4		1260.1	TP	+535-2	-386	238,754	356,190		
32	660				14.5	87°40'	+26.8	+12.4			TP						

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY			LINE NO.	PAGE					
8/4/81		G. Cotcamp		D. Harris		6834		rlew			9	5					
AREA		TOPO MAP	STATE	COUNTY		RANGE		PPM		PARTY MANAGER							
New England		Lovewell Mountain	New Hampshire	Cheshire						L. 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		
32										1260.1							
	330		155°07' +180°	-14.2°	+3.9	-		+3.9	1264.0		BS	+256-2	-208-				
	330				+5.6	TH	-1.7	+3.9		BS							
33	0				5.4	-		-5.4	1258.6		X	0	0	239,008	355,982		
34	330		317°21'	-14.2°	4.2	-		-4.2	1259.8			+180	-276	239,188	355,706		
35	660		312°15'	-14.2°	1.2	TH	+3.3	+2.1	1266.1		TP	+310-2	-582	239,316	355,400		
35	660				3.7	89°30'	+5.8	+2.1		TP							
	334		123°44' +180°	-14.2°	+1.3	89°30'	-2.9	-1.6	1264.5		BS	+112-2	-315+2				
	334				+2.3	89°30'	-3.9	-1.6		BS							
36	0				5.4	-		-5.4	1259.1		X	0	0	239,426	355,087		
37	330		317°39'	-14.2°	1.5	-		-1.5	1263.0			+182	-275	239,608	354,812		
38	660		"	"	6.8	89°-	+11.5	+4.7	1269.2			+364	-551	239,790	354,536		
39	990		315°15'	-14.2°	11.0	89°-	+17.3	+6.3	1270.8		TP	+511-2	-848-3	239,935	354,242		
39	990				5.2	89°20'	+11.5	+6.3		TP							
	990		128°42' +180°	-14.2°	+8.2	-		+8.2	1279.0		BS	+411-2	-901+3				
	990				+13.1	TH	-5.0	+8.2		BS							
40	660		128°42'	-14.2°	7.1	-		-7.1	1271.9			-274	+601	240,070	353,945		
41	330		"	"	5.8	-		-5.8	1273.2			-137	+300	240,207	353,644		
42	0				5.4	-		-5.4	1273.6		X	0	0	240,344	353,344		
43	330		322°32'	-14.2°	3.9	-		-3.9	1275.1			+205	-259	240,549	353,085		
44	570		323°45'	-14.2°	1.7	-		-1.7	1277.3			+363	-440	240,707	352,909	240,715 + 352,870 4-Way Intersect	

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
8/4/81		G. Cotcamp		T. Grady		6834		Jew		9		6			
AREA		TOPO MAP		STATE		COUNTY		RANGE		PPM		PARTY MANAGER			
New England		Lowell Mountain		New Hampshire		Cheshire						L. 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
									1279.0						
44	660		327°03'	-14.2°	2.1	-		-2.1		1276.9		+449	-484	240,793	352,860
45	987		328°36'	-14.2°	4.3	TH	+4.9	+0.6		1279.6	TP	+691.2	-705.3	24,033	352,642
45	987				5.1	89°40'	+5.7	+0.6			TP				
	1320		163°31'12" +180°	-14.2°	+9.1	BH	+6.6	+15.7	1295.3		BS	+1135.2	-674.3		
	1320				+14.1	90°4'	+1.5	+15.6			BS				
46	990		163°31'	-14.2°	13.0	-		-13.0		1282.3		-851	+505	241,315	352,476
47	660		166°53'	-14.2°	10.8	-		-10.8		1284.5		-586	+303	241,580	352,274
48	330		171°25'	-14.2°	8.9	-		-8.9		1286.4		-304	+128	241,862	352,099
49	0				5.4	-		-5.4		1289.9	X	0	0	242,166	351,971
50	335		20°42'	-14.2°	10.4	-		-10.4		1284.9		+333	+38	242,499	352,009
51	665		23°14'	-14.2°	12.7	-		-12.7		1282.6		+657	+104	242,823	352,075
52	995		24°0'	-14.2°	11.0	BH	-5.0	-16.0		1279.3		+980	+169	243,146	352,140
53	1325		24°13'18"	-14.2°	12.3	BH	-6.6	-18.9		1276.4	TP	+1305.2	+231.3	243,469	352,205
53	1325				14.2	90°12'	-4.6	-18.9			TP				
	1318		210°26'12" -180°	-14.2°	+5.3	89°26'	-13.0	-7.7	1268.7		BS	+1265.2	+369.3		
	1318				+8.3	89°18'	-16.1	-7.8			BS				
54	988		211°40'	-14.2°	7.1	89°20'	+11.5	+4.4		1273.1		-942	-297	243,790	352,280
55	660		214°14'	-14.2°	6.7	89°20'	+7.7	+1.0		1269.7		-620	-226	244,112	352,351
56	330		219°0'	-14.2°	2.7	-		-2.7		1266.0		-300	-138	244,432	352,439
57	0				5.4	-		-5.4		1263.3	X	0	0	244,732	352,577

last sta. on RT #10

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE			
8/4/81		G. Cotcamp		T. Grady		6834		JLW		9	8			
AREA		TOPO MAP		STATE		COUNTY		RANGE	PPM	PARTY MANAGER				
New England		Lovell Mountain		New Hampshire		Sullivan				L. 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.	
67										1197.3				
	337		134°05' +180°	-14.2°	+4.7	87° -	-17.6	-12.9	1184.4		BS	+168 -3	-292	
	337				+2.8	87°20'	-15.7	-12.9			OS			
68	0				5.4	-		-5.4		1179.0	π	0	0	246,613 349,537
69	330		334°21'	-14.2°	5.8	94° -	-23.0	-28.8		1155.6		+253	-211	246,866 349,326
70	660	658.4	334°21'	-14.2°	3.5	94° -	-45.9	-49.4		1135.0	TP	+505-3	-422	247,115 349,115
70	660				5.4	93°50'	-44.0	-44.4			TP			
	280		149°24' +180°	-14.2°	+4.2	87° -	-14.6	-10.4	1124.6		BS	+198-3	-197	
	280				+3.4	87°10'	-13.8	-10.4			OS			
π	0				5.4	-		-5.4		1119.2	π	0	0	247,310 348,918 split sta. - cone
71	55		16°30'	-14.2°	7.1	-		-7.1		1117.5		+55	+2	247,365 348,920
TP	290		16°30'	-14.2°	10.1	-		-10.1		1114.5	TP	+290-3	+12	247,597 348,930
TP	290				11.6	TH	+1.5	-10.1			TP			
	388	387.0	232°45' -180°	-14.2°	+8.7	86° -	-27.0	-18.3	1096.2		BS	+303-3	+241	
	388				+1.9	87° -	-20.3	-18.4			OS			
72	270		229°25'	-14.2°	4.7	87° -	+14.1	+9.4		1105.6		-221	-156	247,676 349,015
π	0				5.4	-		-5.4		1090.8	π	0	0	247,897 349,171
73	60		8°22'	-14.2°	9.7	-		-9.7		1086.5		+60	-6	247,957 349,165
74	390		" "		8.1	93° -	-20.4	-28.5		1067.7		+388	-40	248,285 349,131
75	720	719.0	8°22'30"	-14.2°	5.4	93° -	-37.6	-43.0		1053.2	TP	+715-3	-73	248,609 349,098
75	720				11.6	92°30'	-31.4	-43.0			TP			

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE							
8/4/81		G. Cotcamp		T. Grady		6834		JLW		9	9							
AREA		TOPO MAP		STATE		COUNTY		RANGE		PPM		PARTY MANAGER						
New England		Lovewell Mountain		New Hampshire		Sullivan						L. 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			
75										1053.2								
	330		199°22'180°	-14.2°	+7.6	87°-	-17.2	-9.6	1043.6		BS	+328-4	+30					
	330				+4.7	87°30'	-14.4	-9.7			BS							
76	0				5.4	-		-5.4		1038.2	π	0	0	249,933	349,128			
77	330		5°54'	-14.2°	7.6	93°-	-17.2	-24.8		1018.8		+327	-48	249,260	349,080			
78	657	656.1	2°44'	-14.2°	4.6	93°-	-34.3	-38.9		1004.7	TP	+643-4	-130	249,572	348,998			
78	657				10.3	92°30'	-28.6	-38.9			TP							
	331		173°24'180°	-14.2°	+1.2	91°-	+5.8	+7.0	1011.7		BS	+309-4	-118					
	331				+3.7	90°34'	+3.3	+7.0			BS							
79	0				5.4	-		-5.4		1006.3	π	0	0	249,877	348,880			
80	330		358°23'	-14.2°	13.4	-		-13.4		998.3	TP	+318-4	-90	250,191	348,790			
80	330				11.8	84	-1.7	-13.5			TP							
	539		190°49'180°	-14.2°	+0.5	TH	-2.7	-2.2	996.1		BS	+538-4	-32					
	539				+0.9	89°40'	-3.3	-2.2			BS							
81	209		186°31'	-14.2°	1.8	-		-1.8		994.3		-207	+28	250,518	348,786			
	π	0			5.4	-		-5.4		990.7	π	0	0	250,725	348,758			
82	121		336°40'	-14.2°	9.1	-		-9.1		987.0		+96	-74	250,821	348,684			
83	451		" "	"	11.6	91°-	-7.9	-19.5		976.6		+358	-275	251,083	348,483			
84	781		336°40'	-14.2°	12.7	91°-	-13.6	-26.3		969.8	TP	+619-4	-476	251,340	348,282			
84	781				10.5	91°10'	-15.9	-26.4			TP							

DATE		INSTRUMENT MAN			ROD MAN		PARTY NUMBER		NOTES CHECKED BY			LINE NO.	PAGE				
8/4/81		G. Cotcamp			T. Grady		6834		rdw			9	10				
AREA		TOPO MAP	STATE	COUNTY		RANGE		PPM	PARTY MANAGER								
New England		Louewell Mountain	New Hampshire	Sullivan					L. 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		
84										969.8							
	660		152°55' +180°	-14.2°	+2.9	89°-	-11.5	-8.6	961.2		BS	+496.4	-435				
	660				+4.8	88°50'	-13.4	-8.6		BS							
85	330		152°55'	-14.2°	3.2	89°-	+5.8	+2.6		963.8		-248	+218	251,584	348,065		
86	0				5.4	-		-5.4		955.8	X	0	0	251,832	347,847		
87	330		323°20'	-14.2°	4.6	-		-4.6		956.6		+208	-256	252,040	347,591		
88	658		319°47'	-14.2°	11.4	-		-11.4		949.8	TP	+383.4	-535	252,211	347,312		
88	658				8.1	BH	-3.3	-11.4			TP						
	330		147°48' +180°	-14.2°	+6.2	88°-	-11.5	-5.3	944.5		BS	+227.3	-239				
	330				+3.7	88°26'	-9.0	-5.3		BS							
89	0				5.4	-		-5.4		939.1	X	0	0	252,485	347,073		
90	330		338°42'	-14.2°	9.6	-		-9.6		934.9		+269	-192	252,704	346,881		
TP	598		337°49'	-14.2°	5.3	91°-	-10.4	-15.7		928.8	TP	+481.3	-355	252,913	346,718		
TP	598				12.7	BH	-3.0	-15.7			TP						
	132		250°21' +180°	-14.2°	+2.2	-		+2.2	931.0		BS	+74.3	+110				
	132				+2.9	TH	-0.7	+2.2		BS							
91	114		249°18'	-14.2°	2.8	-		-2.8		928.2		-65	-94	252,919	346,734	252,890 + 346,770 intersect	
91	0				5.4	-		-5.4		925.6	X	0	0	252,989	346,828		
92	330		48°07'	-14.2°	4.3	-		-4.3		926.7		+274	+184	253,258	347,012		
93 TP	590		44°44'	-14.2°	4.2	-		-4.2		926.8	TP	+508.3	+300	253,489	347,128		
93 TP	590				7.1	TH	+3.0	-4.1			TP						

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE					
8/4/81		G. Cotcamp		T. Grady		6834		JLW		9	11					
AREA		TOPO MAP	STATE	COUNTY		TWP		RANGE	PPM	PARTY MANAGER						
New England		Lovewell Mountain	New Hampshire	Sullivan						L. 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	
92½										926.8						
	403		218° 15' 180°	-14.2°	+9.2	-	+9.2	936.0		BS	+368-3	+164				
	403		" "		+7.2	0H	+2.0			BS						
93	7330		218° 15'	-14.2°	8.8	-	-8.8		927.2		-301	-134	253,553	347,158		
94	0				5.4	-	-5.4		930.6	X	0	0	253,854	347,292		
95	329		58° 46'	-14.2°	3.4	-	-3.4		932.6	TP	+234-3	+231	254,085	347,523		
95	329		" "		5.1	TH	+1.6			TP						
	660		219° 00' -180°	-14.2°	+12.4	-	+12.4	945.0		BS	+599-3	+277				
	660		" "	"	+9.1	0H	+3.3	+12.4		BS						
96	330		" "	"	4.2	9100'	-5.7	-9.9		935.1		-300	-138	254,381	347,662	
97	0				5.4	-	-5.4		939.6	X	0	0	254,681	347,800		
98	330		19° 01'	-14.2°	3.8	89° -	+5.7	+1.9		946.9		+329	+28	255,010	347,828	
99	660		19° 01' 48" 180°	-14.2°	8.2	89° -	+11.5	+3.3		948.3	TP	+658-3	+56	255,336	347,856	
99	660		" "		2.8	89° 02'	+11.1	+3.3			TP					
	655		200° 05' 54" 180°	-14.2°	+6.3	-	+6.3	954.6		BS	+652-3	+67				
	655		" "		+9.6	TH	-3.3	+6.3		BS						
100	330		200° 05'	-14.2°	8.7	-					-328	-34	255,657	347,889		
101	0				5.4					X						
101	45		172° 24' 48"	-14.2°	4.5	-	-4.5		950.1		-45	+1	255,990	347,924		255,890 +347,875 T.- Rd el. 950.
101	0				5.4	-	-5.4		949.2	X	0	0	255,985	347,923		

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE						
8/5/81		F. Grady		D. Harris		6834		JW		9	12						
AREA		TOPO MAP	STATE	COUNTY		TWP	RANGE	PPM	PARTY MANAGER								
New England		Lowell Mountain	New Hampshire	Sullivan					L. 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		
									954.6								
102	330		349° 59'	-14.2°	6.3	-		-6.3		948.3		+301	-135	256,286	347,788		
103	660		349° 59' 24"	-14.2°	3.2	89° 52'	+1.5	-1.7		952.9	TP	+602-3	-271	256,584	347,652		
103	660		" "		4.0	89° 48'	+2.3	-1.7			TP						
	660		169° 37' 18"	-14.2°	+6.9	90° 20'	+3.8	+10.7	963.6		BS	+600-3	-275				
	660		" "		+6.1	90° 24'	+4.6	+10.7			BS						
104	330		169° 37'	-14.2°	7.0	-		-7.0		956.6		-300	+137	256,881	347,514		
105	0				5.4	-		-5.4		958.2	X	0	0	257,181	347,377	opposite Sta	
106	330		354° 09' 30"	-14.2°	1.4	89° -	+5.8	+4.4		968.0	TP	+310-3	-113+1	257,488	347,265		
106	330		" "		1.2	89° 02'	+5.6	+4.4			TP						
	330		215° 04' 36"	-14.2°	+11.2	91° -	+5.8	+17.0	985.0		BS	+308-3	+118+2				
	330		" "		+11.0	91° 02'	+6.0	+17.0			BS						
107	0				5.4	-		-5.4		979.6	X	0	0	257,793	347,385		
108	330		4° 47' 12"	-14.2°	8.3	-		-8.3		976.7	TP	+326-3	-54+2	258,116	347,333		
108	330		" "		6.7	BH	-1.7	-8.4			TP						
	660		185° 23' 48"	-14.2°	+5.9	-		+5.9	982.6		BS	+652-3	-101+2				
	660		" "		+2.6	BH	+3.3	+5.9			BS						
109	330		185° 23'	-14.2°	3.9	-		-3.9		978.7		-326	+51	258,439	347,285		
110	0				5.4	-		-5.4		977.2	X	0	0	258,765	347,234	opposite Sta	
111	330		12° 07' 48"	-14.2°	1.9	-		-1.9		980.7	TP	+330-3	-12+2	259,092	347,224		
111	330		" "		3.5	TH	+1.7	-1.8			TP						

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE							
8/5/81		D. GRADY		D. Harris		6834		xlu		9	13							
AREA		TOPO MAP		STATE		COUNTY		TWP	RANGE	PPM	PARTY MANAGER							
New England		Lowell Mountain		New Hampshire		Sullivan					L. 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			
111										980.7								
	330		198°30'54"-180	-14.2°	74.5	-		+4.5	985.2		BS	+329-3	+25+2					
	330		" "		72.9	BH	+1.7	+4.6		BS								
112	0				5.4	-		-5.4	979.8		π	0	0	259,918	347,251		opposite Sta.	
113	330		33°53'	-14.2°	6.5	-		-6.5	978.7			+311	+111	259,729	347,362			
TP	565		33°53'48"	-14.2°	1.6	-		-1.6	983.6		TP	+532-3	+190+2	259,947	347,443		split	
BP	565		" "		4.4	TH	+2.8	-1.6		TP								
	750		183°55'06"-180	-14.2°	+10.4	90°30'	+6.5	+16.9	1000.5		BS	+738-3	-134+2					
	750		" "		+9.9	90°32'	+7.0	+16.9		BS								
114	660		183°55'	-14.2°	3.0	91°-	-11.5	-14.5	986.0			-649	+118	260,033	347,429			
115	330		" "	"	5.9	91°-	-5.8	-11.7	988.8			-325	+59	260,357	347,370			
116	0				5.4			-5.4	995.1		π	0	0	260,682	347,311			
117	330		342°04'54"	-14.2°	6.3	89°-	+5.8	-0.5	1000.0		TP	+279-3	-175+2	260,958	347,138			
117	330		" "		6.1	89°02'	+5.6	-0.5		TP								
	505		174°31'+180	-14.2°	+10.1	-		+10.1	1010.1		BS	+475-3	-170+2					
	505		" "		+7.6	BH	+2.5	+10.1		BS								
	π	0			5.4						π							split
118	175		174°31'	-14.2°	3.5	-		-3.5	1006.6			-165	+59	261,265	347,029			
π	0				5.4	-		-5.4	1004.7		π	0	0	261,930	346,970		split, opposite sta.	
119	200 155		19°16'	-14.2°	9.9	-		-9.9	1000.2			+154	+14	261,584	346,984			

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
8/5/81		T. GRADY		D. Harris		6834		rew		9		14			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
New England		Lowell Mountain		New Hampshire		Sullivan								L. 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
									1010.1						
120	490		19°16'42"	-14.2°	6.7	-	-6.7		1003.4	TP	+488.3	+43 +2	261,915	347,015	
120	490		" "		4.3	BH	-2.5	-6.8		TP					
	330		211°08'18"-180°	-14.2°	+12.5	-	+12.5		1015.9	BS	+316.3	+96 +2			
	330		" "		+10.8	BH	+1.7	+12.5		BS					
121	0				5.4	-	-5.4		1010.5	π	0	0	262,228	347,113	
122	335		48°49'18"	-14.2°	6.1	88°-	+11.7	+5.6		1021.5	TP	+276.3	+190 +2	262,501	347,305
122	335				6.0	88°02'	+11.5	+5.5		TP					
12	655		243°48'18"-180°	-14.2°	+12.3	91°-	+11.4	+23.7	1045.2	BS	+124.3	+499 +2			
	655		" "		+11.8	91°02'	+11.8	+23.6		BS					
123	330		243°48'	-14.2°	11.9	91°-	-5.8	-17.7		1027.5		-214	-251	262,708	347,555
124	0				5.4	-	-5.4		1039.8	π	0	0	262,922	347,806	
125	330		46°07'18"	-14.2°	2.2	-	-2.2		1043.0	TP	+280.3	+174 +2	263,199	347,982	
125	330		" "		3.8	TH	+1.7	-2.2		TP					
	330		221°05'06"-180°	-14.2°	+11.4	89°-	-5.8	+5.6	1048.6	BS	+294.3	+149 +2			
	330		" "		+11.2	89°02'	-5.6	+5.6		BS					
126	0				5.4	-	-5.4		1043.2	π	0	0	263,490	348,133	
127	330		23°35'24"	-14.2°	3.2	-	-3.2		1045.4	TP	+326.3	+54 +2	263,813	348,189	
127	330		" "		4.8	TH	+1.7	-3.2		TP					
	990		192°33'36"-180°	-14.2°	+9.5	-	+9.5		1054.9	BS	+990.3	-28 +2			
	990		" "		+4.6	BH	+5.0	+9.6		BS					

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE						
8/5/81		T. GRADY		D. HARRIS		6834		mlw		9	15						
AREA		TOPO MAP	STATE	COUNTY		TWP	RANGE	PPM	PARTY MANAGER								
New England		Lovewell Mountain	New Hampshire	Sullivan					L. 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		
									1054.9								
11	3 940		192° 33' 06"	-14.2°	9.5	-		-9.5		1045.4		-930	+27	263,870	348,190	263,870 + 348,190 y-section	
128	660		192° 33'	-14.2°	11.8	-		-11.8		1043.1		-660	+19	269,140	348,182	horiz. corrd. y = -140' x = +135'	
129	330		192° 33'	-14.2°	9.6	91° -	-5.8	-15.4		1039.5		-330	+10	269,970	348,173		
130	0				5.4	-		-5.4		1049.5	TP	0	0	269,800	348,163		
131	330		11° 44'	-14.2°	5.1	-		-5.1		1049.8		+330	-14	265,130	348,149		
132	660		11° 49' 54"	-14.5°	5.0	-		-5.0			TP	+659	-31	265,459	348,132		
132	660		" "		8.4	TH	+3.3	-5.1		1049.8	TP						
	330		194° 43' 06" - 180°	-14.5°	8.0	88° -	-11.5	-3.5			BS	+330	+1				
	330		" "		+7.7	88° 02'	-11.3	-3.6	1046.2		BS						
133	0				5.4	-		-5.4		1040.8	TP	0	0	265,789	348,133		
134	330		21° 30'	-14.5°	0.7	-		-0.7		1045.5	TP	+328	+40	266,117	348,173		
134	330		" "		2.4	TH	+1.7	-0.7			TP						
	660		196° 17' 54" - 180°	-14.5°	+2.1	-		+2.1	1047.6		BS	+660	+21				
	660		" "		+5.5	TH	-3.3	+2.2			BS						
135 135	330		196° 17'	-14.5°	5.9	-		-5.4		1042.2		-330	-10	266,447	348,184		
136	0				5.4	-		-5.4		1042.2	TP	0	0	266,777	348,194	opposite Sta.	
137	330		15° 12' 24"	-14.5°	4.9	-		-4.9		1042.7	TP	+330	+4	267,107	348,198		
137	330		" "		6.6	TH	+1.7	-4.9			TP						
	330		189° 38' - 180°	-14.5°	+6.7	-		+6.7	1049.4		BS	+329	-28				
	330				+5.0	BT	+1.7	+6.7			BS						

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE					
8/7/81		G. Catcamp		D. Harris		6834		slw		9		16					
AREA		TOPO MAP		STATE		COUNTY		RANGE		PPM		PARTY MANAGER					
New England		Lowell Mountain		New Hampshire		Sullivan						L. 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		
									1049.4								
138	0				5.4	-		-5.4		1044.0	X	0	0	267,436	348,170		
139	330		11° 48'	-14.5°	7.9	-		-7.9		1041.5	TP	+330	-16	267,466	348,154		
139	330				9.6	TH	+1.7	-7.9			TP						
	330		190° 11' - 180°	-14.5°	+7.0	-		+7.0	1048.5		BS	+329	-25				
	330				+8.7	TH	-1.7	+7.0			BS						
140	0				5.4	-		-5.4		1043.1	X	0	0	268,095	348,129		
TP	133		18° 59'	-14.5°	5.8	89° -	+2.3	-3.5		1045.0	TP	+133	+10	268,228	348,139		
TP	133				5.0	89° 20'	+1.5	-3.5			TP						
	197		204° 06' - 180°	-14.5°	+6.4	-		+6.4	1051.4		BS	+194	+33				
	197				+7.4	TH	-0.9	+6.5			BS						
141	0				5.4	-		-5.4		1046.0	X	0	0	268,422	348,172		
TP	194		18° 19'	-14.5°	3.6	-		-3.6		1047.8	TP	+194	+13	268,616	348,185		
TP	194				4.6	TH	+1.0	-3.6			TP						
	468		217° 38' - 180°	-14.5°	+8.6	-		+8.6	1056.4		BS	+430	+184				
	468				+6.3	BH	+2.3	+8.6			BS						
142	330		217° 38'	-14.5°	7.5	-		-7.5		1048.9		-303	-130	268,743	348,239		
143	0				5.4	-		-5.4		1051.0	X	0	0	269,046	348,369		
TP	250		28° 06'	-14.5°	1.0	TH	+1.3	+0.3		1056.7	TP	+243	+59	269,289	348,428		
TP	250				1.0	89° 42'	+1.3	+0.3			TP						

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN			ROD MAN		PARTY NUMBER		NOTES CHECKED BY			LINE NO.	PAGE				
8/7/81		G. Cotcamp			D. Harris		6834		rlw			9	17				
AREA		TOPO MAP		STATE	COUNTY		TWP	RANGE	PPM	PARTY MANAGER							
New England		Louswell Mountain		New Hampshire	Sullivan					L. 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		
143 1/2										1056.7							
	487		224°03'-180°	-14.5°	+13.0	-		+13.0	1069.7		BS	+424	+240				
	487				+10.6	BH	+2.4	+13.0			BS						
144	407		224°03'	-14.5°	-3.8	91°-	-7.1	-10.9		1058.8		-354	-201	269,359	348,467		
145	77		"	"	5.8	-		-5.8		1063.9		-67	-38	269,646	348,630		
π	0				5.4	-		-5.4		1064.3	π	0	0	269,713	348,668		
146	253		27°50'	-14.5°	0.8	TH	+1.3	+0.5		1070.2		+246	+58	269,959	348,726		
147	583		27°50'	-14.5°	31	89°-	+10.2	+7.1			TP	+567	+134	270,280	348,802		
147	583				1.8	89°06'	+8.8	+7.0		1076.7	TP						
	331		216°04'-180°	-14.5°	+1.6	91°-	+5.8	+7.4	1084.1		BS	+308	+122				
	331				+3.0	90°46'	+4.4	+7.4			BS						
148	0				5.4	-		-5.4		1078.7	π	0	0	270,588	348,924		
149	330		39°31'	-14.5°	4.5	-		-4.5		1079.6		+299	+140	270,887	349,064		
TP	570		39°31'	-14.5°	2.1	-		-2.1		1082.0	TP	+517	+241	271,105	349,165		
TP	570				5.0	TH	+2.9	-2.1			TP						
	420		211°16'-180°	-14.5°	+3.5	-		+3.5	1085.5		BS	+402	+121				
	420				+5.6	TH	-2.1	+3.5			BS						
150	330		211°16'	-14.5°	3.1	-		-3.1		1082.4		-316	-95	271,191	349,191		
151	0				5.4	-		-5.4		1080.1	π	0	0	271,507	349,286		
152	330		43°36'	-14.5°	7.1	92°-	-11.5	-18.6		1066.9	TP	+288	+60	271,795	349,446		
152	330				8.0	91°50'	10.6	-18.6			TP						

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE			
8/7/81		G. Cotcamp		D. Harris		6834		slw		9	18			
AREA		TOPO MAP	STATE	COUNTY		RANGE		PPM		PARTY MANAGER				
New England		Louewell Mountain	New Hampshire	Sullivan						L. Davis				
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	SUNAPEE 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.	
152										1066.9				
	660		230°57'-180°	-14.5°	+3.4	-		+3.4	1070.3		BS	+531	+392	
	660				+6.7	TH	-3.3	+3.4			BS			
153	330		230°57'	-14.5°	6.0	-		-6.0		1064.3		-265	-196	272,061 349,642
154	0				5.4	-		-5.4		1064.9	π	0	0	272,326 349,838
155	329		37°15'	-14.5°	1.5	89°-	+5.7	+4.2		1074.5	TP	+303	+127	272,629 349,965
155	329				3.4	88°40'	+7.6	+4.2			TP			
	578		192°36'-180°	-14.5°	+8.5	89°-	-10.0	-1.5			BS	+578	-19	
	578				15.1	89°20'	-6.7	-1.6		1072.9	BS			
156	248		192°36'	-14.5°	5.3	-		-5.3		1067.6		-248	+8	272,959 349,954
	π	0			5.4	-		-5.4		1067.5	π	0	0	273,207 349,946
157	82		21°48'	-14.5°	3.9	-		-3.9		1069.0		+81	+10	273,288 349,956 ↑
158	400		35°40'	-14.5°	14.1	87°54'	+14.6	+0.5		1073.4	TP	+373	+144	273,580 350,090 Lovewell Mountain
158	400				13.4	88°-	+14.0	+0.6			TP			
	330		241°03'-180°	-14.5°	+9.6	-		+9.6		1083.0	BS	+227	+240	
	330				+7.9	8H	+1.7	+9.6			BS			
158	0				5.4	-		-5.4		1077.6	π	0	0	273,807 350,330 Sunapee Road
-11-	197		52°23'	-14.5°	2.2	87°-	+10.3	+8.1		1091.1		+155	+121	273,962 350,451 273,930-350,400 4-way Intersect.
160	320		48°49'	-14.5°	7.3	86°44'	+78.2	+10.9			TP	+264	+180	274,071 350,510
160	320				5.9	87°-	+76.7	+10.8		1093.8	TP			

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE			
8/7/81		G. Cotcamp		O. Harris		6834		[initials]		9	19			
AREA		TOPO MAP		STATE		COUNTY		TWP		PARTY MANAGER				
New England		Sunapee		New Hampshire		Sullivan				L. 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										1093.8				
	330		215°36'-180°	-14.5°	+14.4	91°14'	+7.1	+21.5	1115.3		BS	+308	+119	
	330				+11.5	91°44'	+10.0	+21.5			BS			
161	0				5.4	-		-5.4	1109.9		TP	0	0	274,379 350,629
162	330		26°45'	-14.5°	10.8	-		-10.8	1104.5		TP	+322	+70	274,701 350,699
162	330				12.5	TH	+1.7	-10.8			TP			
	328		211°30'-180°	-14.5°	+4.3	91°		+4.3	1108.8		BS	+314	+96	
	328				+5.9	TH	-1.6	+4.3			BS			
163	0				5.4	-		-5.4	1103.4		TP	0	0	275,015 350,795
164	330		8°02'	-14.5°	5.8	91°	-5.8	-11.6	1097.2			+328	-37	275,343 350,758
TP	544		8°02'	-14.5°	1.9	91°	-9.5	-11.4	1097.4		TP	+540	-61	275,565 350,734
TP	544				4.1	90°46'	-7.3	-11.4			TP			
	450		208°40'-180°	-14.5°	+5.4	-		+5.4	1102.8		BS	+436	+110	
	450				+7.7	TH	-2.3	+5.4			BS			
165	330		208°40'	-14.5°	5.4	-		-5.4	1097.4			-320	-81	275,671 350,763
166	0				5.4	-		-5.4	1097.4		TP	0	0	275,991 350,844
167	330		45°46'	-14.5°	2.3	-		-2.3	1100.5		TP	+282	+171	276,273 351,015
167	330				4.0	TH	+1.7	-2.3			TP			
	327		212°19'-180°	-14.5°	+10.9	-		+10.9	1111.4		BS	+311	+100	
	327				+9.3	BH	+1.6	+10.9			BS			
168	0				5.4	-		-5.4	1106.0		TP	0	0	276,584 351,115

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE						
8/7/81		G. Catcamp		D. Harris		6834		JLW		9	20						
AREA		TOPO MAP		STATE	COUNTY		TWP	RANGE	PPM	PARTY MANAGER							
New England		Sunapee		New Hampshire	Sullivan					L. 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		
									1111.4								
169	330		24°31'	-14.5°	1.9	89°-	+5.8	+3.9			TP	+325-1	+57	276,908	351,172		
169	330				3.1	88°46'	+6.9	+3.8		1115.2	TP						
	330		216°12'-180°	-14.5°	+10.2	-		+10.2	1125.4		BS	+307-2	+122				
	330				+11.9	TH	-1.7	+10.2			BS						
170	0				5.4	-		-5.4	1120.0		π	0	0	277,213	351,294		
171	330		16°27'	-14.5°	4.0	89°-	+5.8	+1.8			TP	+330-2	+11	277,541	351,305	bridge	
171	330				2.1	89°20'	+3.8	+1.7		1127.1	TP						
	329		254°21'-180°	-14.5°	+8.0	91°36'	+9.2	+17.2	1144.3		BS	+165-2	+284				
	329				+9.0	91°26'	+8.2	+17.2			BS						
172	282		260°01'	-14.5°	10.1	91°-	-4.9	-15.0	1129.3			-117	-257	277,587	351,332	277,600 + 351,310 T. intersect. e/1126.	
172	0				5.4	-		-5.4	1138.9		π	0	0	277,704	351,589		
173	330		68°20'	-14.5°	7.4	91°-	-5.8	-13.2	1131.1		TP	+195-2	+266-2	277,897	351,857		
173	330				5.5	91°20'	-7.7	-13.2			TP						
	334		266°44'-180°	-14.5°	+2.5	91°-	+5.8	+8.3	1139.4		BS	+102-2	+318+2				
	334				+4.6	90°40'	+3.9	+8.4			BS						
174	0				5.4	-		-5.4	1134.0		π	0	0	277,997	352,177		
175	325		85°34'	-14.5°	5.3	87°20'	+15.1	+9.8	1149.2		TP	+105-2	+307+2	278,100	352,486		
175	325				7.2	87°-	+17.0	+9.8			TP						
	660		249°36'-180°	-14.5°	+9.3	-		+9.3	1158.5		BS	+378-2	+541+2				
	660				+6.0	BH	+3.3	+9.3			BS						

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE				
8/7/81		G. Cotcamp		D. Harris		6834		JLW		9	21				
AREA		TOPO MAP		STATE	COUNTY		TWP	RANGE	PPM	PARTY MANAGER					
New England		Sunapee		New Hampshire	Sullivan					L. 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
									1158.5						
176	330		249°36'	-14.5°	7.7	-		-7.7		1150.8		-189	-271	278,287	352,758
177	0			8	5.4	-		-5.4		1153.1	X	0	0	278,476	353,029
178	330		80°17'	-14.5°	6.4	88°-	+11.5	+5.1		1163.6		+135	+301	278,611	353,330
179	660		80°17'	-14.5°	9.2	88°-	+23.0	+13.8			TP	+271-2	+60.2+2	278,745	353,633
179	660				3.5	88°30'	+17.2	+13.7		1172.2	TP				
	643		226°44'-180°	-14.5°	+6.9	94°-	+44.7	+51.6	1223.8		BS	+543-2	+342+2		horiz. Corred. y = -19' x = +12'
	643				+11.8	93°34'	+39.9	+51.7			BS				
JL TL	545	543.7	223°20'	-14.5°	7.6	94°-	-37.9	-45.5		1178.3		-476	-262	278,810	353,715
180	330		221°34'	-14.5°	13.4	94°-	-23.0	-36.4		1187.4		-294	-150	278,992	353,827
181	0				5.4	-		-5.4		1218.4	X	0	0	279,286	353,977
182	330		42°24'	-14.5°	0.1	88°-	+11.5	+11.4		1235.2		+292	+154	279,578	354,131
183	660	659.5	42°24'		6.8	87°40'	+26.8	+20.0		1243.8	TP	+583	+309	279,869	354,286
183	660				8.7	87°30'	+28.8	+20.1			TP				
	660		223°41'-190°	-14.5°	+11.6	91°-	+11.5	+23.1	1266.9		BS	+576	+322		
	660				+9.3	91°12'	+13.8	+23.1			BS				
184	330		223°41'	-14.5°	9.2	91°-	-5.8	-15.0		1251.9		-288	-161	280,157	354,447
185	0				5.4	-		-5.4		1261.5	X	0	0	280,445	354,608
186	330		15°42'	-14.5°	4.2	88°-	+11.5	+7.3		1274.2		+330	+7	280,775	354,615
187	662		11°30'	-14.5°	5.8	88°-	+23.1	+17.3		1284.2	TP	+661	-35	281,106	354,573
187	662				2.7	88°16'	+20.0	+17.3			TP				

278,810 + 353,715
4-way (Line 6) el. 1177.2
paved road
↓

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE		
8/8/81		G. Cotcamp		D. Harris		6834		J. Lewis		9		22		
AREA		TOPO MAP		STATE		COUNTY		RANGE		PPM		PARTY MANAGER		
New England		Sunapee		New Hampshire		Sullivan						L 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-	
187										1284.2				
	330		209° 21' - 180°	-14.5°	+8.8	-		+8.8	1293.0		BS	+319	+85	
	330				+10.5	TH	-1.7	+8.8			BS			
188	0				5.4	-		-5.4	1287.6		X	0	0	281,425 354,658
189	330		40° 0'	-14.5°	2.7	-		-2.7	1290.3			+298	+142	281,723 354,800
190	660		" "	"	3.1	-		-3.1	1289.9			+596	+284	282,021 354,942
191	988		37° 54'	-14.5°	4.4	-		-4.4	1288.6		TP	+907	+392	282,332 355,050
191	988				9.3	TH	+4.9	-4.4			TP			
	660		211° 04' - 180°	-14.5°	+10.3	-		+10.3	1298.9		BS	+633	+188	
	660				+13.6	TH	-3.3	+10.3			BS			
192	330		211° 04'	-14.5°	12.2	-		-12.2	1286.7			-316	-94	282,649 355,144
193	0				5.4	-		-5.4	1293.5		X	0	0	282,965 355,238
194	330		38° 39'	-14.5°	7.9	-		-7.9	1291.0			+301	+135	283,266 355,373
195	656		32° 15'	-14.5°	8.0	89°	+11.4	+3.4	1302.3		TP	+625	+200	283,590 355,438
195	656				6.1	89° 10'	+9.5	+3.4			TP			
	330		211° 58' - 180°	-14.5°	+13.2	91° - 3'	+5.8	+19.0	1321.3		BS	+315	+99	
	330				+11.5	89° 11'	+7.5	+19.0			BS			
196	0				5.4	-		-5.4	1315.9		X	0	0	283,905 355,537
197	330		38° 17'	-14.5°	3.2	-		-3.2	1318.1			+302	+133	284,207 355,670
198	660		38° 17'	-14.5°	1.7	89°	+11.5	+9.8	1331.1		TP	+604	+266	284,509 355,803
198	660				6.2	89° 08'	+10.0	+9.8			TP			

SURVEY NOTES-HIGH RESOLUTION DATA

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Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE						
8/8/81		G. Cotcamp		D. Harris		6834		rdw		9	23						
AREA		TOPO MAP		STATE	COUNTY		TWP	RANGE	PPM	PARTY MANAGER							
New England		Susapee		New Hampshire	Sullivan					L. 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		
198										1331.1							
	321		182°16'-180°	-14.5°	+12.4	92°-	+11.2	+23.6	1354.7		BS	+314	-68				
	321				+10.5	92°20'	+13.1	+23.6			BS						
199	0				5.4	-		-5.4		1349.3	π	0	0	284,823	355,735		
200	159		340°29'	-14.5°	2.6	89°-	+2.8	+0.2	1354.9			+132	-89	284,955	355,646	284,940 + 355,590 trail	
200	335		346°42'	-14.5°	4.1	88°-	+11.7	+7.6		1362.3	TP	+296	-156	285,119	355,579		
	339				2.3	88°18'	+9.9	+7.6			TP						
	339		204°24'-180°	-14.5°	+11.3	92°-	+11.8	+23.1	1385.4		BS	+334	+58				
	339				+10.5	92°8'	+12.6	+23.1			BS						
201	0				5.4	-		-5.4		1380.0	π	0	0	285,453	355,637	π opposite sta.	
202	332		44°58'	-14.5°	5.7	87°-	+17.4	+11.7	1397.1			+286	+168	285,739	355,805		
203	665		44°58'	-14.5°	7.1	87°48'	+25.5	+18.4		1403.8	TP	+573	+337	286,026	355,974		
203	665				9.8	87°34'	+28.2	+18.4			TP						
	332		242°17'-180°	-14.5°	+3.2	88°-	-11.6	-8.4	1395.4		BS	+223	+246				
	332				+1.3	88°20'	-9.7	-8.4			BS						
204	0				5.4	-		-5.4		1390.0	π	0	0	286,249	356,220		
205	330		48°43'	-14.5°	11.2	-		-11.2	1384.2			+273	+186	286,522	356,406		
206	660		44°36'	-14.5°	5.4	91°-	-11.5	-16.9	1378.5			+571	+331	286,820	356,551		
207	987		43°30'	-14.5°	14.2	91°-	-17.2	-31.4	1364.0		TP	+863	+478	287,112	356,698		
207	987				10.1	91°14'	-21.2	-31.3			TP						

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE			
8/8/81		G. Cotcamp		D. Harris		6834		JLW		9	24			
AREA		TOPO MAP		STATE		COUNTY		RANGE		PPM		PARTY MANAGER		
New England		Sunapee		New Hampshire		Sullivan						L. 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.	
207										1364.0				
	331		243°28' -180°	-14.5°	+0.6	88°-	-11.5	-10.9	1353.1		BS	+217	+250	
	331				+3.5	87°30'	-14.4	-10.9			BS			
208	0				5.4	-		-5.4		1347.7	X	0	0	287,329 356,948
209	330	329.6	79°07'	-14.5°	3.8	93°-	-17.2	-21.0		1332.1	TP	+141	+298	287,470 357,246
209	330				2.8	93°10'	-18.2	-21.0			TP			
	322		240°54' -180°	-14.5°	+4.7	-		+4.7	1336.8		BS	+222	+233	
	322				+6.3	TH	-1.7	+4.6			BS			
210	0				5.4	-		-5.4		1331.4	X	0	0	287,692 357,479
211	330		53°51'	-14.5°	11.1	-		-11.1		1325.7		+255	+209	287,947 357,688
212	660		53°51'	-14.5°	9.4	91°-	-11.5	-20.9		1315.9	TP	+510	+418	288,202 357,897
212	660				7.5	91°10'	-13.4	-20.9			TP			
	328		235°53' -180°	-14.5°	+2.9	88°-	-11.4	-8.5	1307.4		BS	+246	+217	
	328				+1.0	88°20'	-9.5	-8.5			BS			
213	0				5.4	-		-5.4		1302.0	X	0	0	288,448 358,114
214	330		31°57'	-14.5°	12.0	BH	-1.7	-13.7		1293.7		+315	+99	288,763 358,213
1/2	370		30°43'	-14.5°	13.6	BH	-1.9	-15.5		1291.9		+355	+103	288,803 358,217 T-rod
215	660		31°57'	-14.5°	4.1	92°-	-23.0	-27.1		1280.3		+630	+198	289,078 358,312
216	983		31°31'	-14.5°	8.7	92°-	-34.3	-43.0		1264.4	TP	+939	+288	289,387 358,402
216	983				12.7	91°46'	-30.3	-43.0			TP			

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE					
8/8/81		G. Cotcamp		D. Harris		6834		JLW		9	25					
AREA		TOPO MAP	STATE	COUNTY		TWP	RANGE	PPM	PARTY MANAGER							
New England		Sunapee	New Hampshire	Sullivan					L. 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.			
216										1264.4						
	662		212°12'-180°	-14.5°	+0.0	-		+0.0	1264.4		BS	+631	+201+2			
	662				+3.3	7H	-3.3	+0.0			BS					
217	330		212°12'	-14.5°	1.2	-		-1.2		1263.2		-314	-100	289,704	358,505	
218	0.				5.4	-		-5.4		1259.0	π	0	0	290,018	358,605	
219	332		26°39'	-14.5°	11.0	91°-	-5.8	-16.8		1247.6	TP	+325	+70+2	290,343	358,677	
219	332				14.3	90°26'	-2.5	-16.8			TP					
	660	659.3	227°37'-180°	-14.5°	+12.4	87°16'	-31.4	-19.0	1228.6		BS	+552	+360+2			
	660				+10.1	87°28'	-29.1	-19.0			BS					
220	330		226°49'	-14.5°	5.9	87°-	+17.2	+11.3		1239.9		-279	-176	290,616	358,867	
221	0				5.4	-		-5.4		1223.2	π	0	0	290,895	359,039	
222	325		12°31'	-14.5°	8.2	94°-	-22.6	-30.8		1197.8		+325	-11	291,220	359,028	
223	650	648.4	8°33'	-14.5°	1.8	94°-	-45.2	-47.0		1181.6	TP	+645	-67+2	291,540	358,974	
223	650				5.6	93°40'	-41.5	-47.1			TP					
	654		187°07'-180°	-14.5°	+14.3	87°30'	-28.5	-14.2	1167.4		BS	+648	-84+2			
	654				+13.2	87°36'	-27.4	-14.2			BS					
224	330		184°0'	-14.5°	6.7	88°-	+11.5	+4.8		1172.2		-324	+60	291,864	358,952	
225	0				5.4	-		-5.4		1162.0	π	0	0	292,188	358,892	
226	330		9°35'	-14.5°	7.2	92°-	-11.5	-18.7		1148.7		+329	-28	292,517	358,864	
227	660		"	"	12.7	92°-	-23.0	-35.7		1131.7		+658	-57	292,446	358,835	

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE		
8/10/81		G. Cotcamp		D. Harris		6834		w/low		9		26		
AREA		TOPO MAP		STATE		COUNTY		RANGE		PPM		PARTY MANAGER		
New England		Sunapee		New Hampshire		Sullivan						L. 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.	
									1167.4					
228	990	989.0	9°35'	-14.5°	6.9	92°36'	-44.9	-51.8	}	1115.6	TP	+985	-85+2	293,173 358,809
228	990				5.8	92°40'	-46.0	-51.8		TP				
	1650	16488	199°21'46"-180°	-14.5°	+2.2	87°48'	-63.3	-61.1	}	1054.5	BS	+1643	+140+2	
	1650				+5.1	87°42'	-66.0	-60.9		BS				
229	1320		199°22'	-14.5°	9.8	88°-	+46.0	+36.2		1090.7		-1315	-112	293,501 358,839
230	990		"	"	4.9	89°-	+17.3	+12.4		1066.9		-986	-84	293,830 358,867
231	660		198°39'	-14.5°	7.4	89°-	+11.5	+4.1		1058.6		-658	-48	294,158 358,903
232	330		"	"	2.9	-		-2.9		1051.6		-329	-24	294,487 358,927
233	0				5.4	-		-5.4		1049.1	π	0	0	294,816 358,951
234	330		31°38'	-14.5°	7.1	-		-7.1		1047.4		+315	+97	295,131 359,048
235	660		"	"	9.7	-		-9.7		1044.8		+631	+194	295,447 359,145
236	990		"	"	8.7	BH	-5.0	-13.7		1040.8		+946	+292	295,762 359,243
237	1320		"	"	12.8	-		-12.8		1041.7		+1261	+389	296,077 359,340
238	1650		31°37'56"	-14.5°	7.3	BH	-8.3	-15.6	}	1038.9	TP	+1577	+486+2	296,393 359,439
238	1650				6.0	90°20'	-9.6	-15.6		TP				
	656		210°33'-180°	-14.5°	+11.8	92°-	+22.9	+34.7	}	1073.6	BS	+630	+181+2	
	656				+14.1	91°48'	+20.6	+34.7		BS				
239	328		205°10'	-14.5°	11.3	92°-	-11.4	-22.7		1050.9		-322	-61	296,701 359,561
±	95		200°31'	-14.5°	8.7	-		-8.7		1064.9		-95	-10	296,928 359,612
240	0				5.4	-		-5.4		1068.2	π	0	0	297,023 359,622

296,870 + 359,550
4-way Intersect. e. 1065.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE				
8/10/81		G. Cotcamp		D. Harris		6834		JLW		9		27				
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER		
New England		Sunapee		New Hampshire		Sullivan								L. 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	
									1073.6							
241	322		35° 57'	-13.9°	8.7	88° -	+11.2	+2.5		1076.1	TP	+298+2	+121+3	297,323	359,746	
241	322				9.6	87° 50'	+12.2	+2.6			TP					
	986		215° 52' - 180°	-13.9°	+4.7	89° 20'	-11.5	-6.8	1069.3		BS	+914+2	+369+3			
	986				+1.9	89° 30'	-8.6	-6.7			BS					
242	660		214° 07'	-13.9°	0.2	-	-	-0.2		1069.1		-619	-228	297,620	359,890	
243	330		" "	"	3.6	-	-	-3.6		1065.7		-310	-114	297,929	360,004	
244	0				5.4	-	-	-5.4		1063.9	π	0	0	298,239	360,118	
245	330		33° 28'	-13.9°	11.9	84°	-1.7	-13.6		1055.7		+311	+111	298,550	360,229	
246	660		" "	"	9.8	91° 20'	-15.4	-25.2		1044.1		+622	+221	298,861	360,339	
247	990		" "	"	10.3	91° 20'	-23.0	-33.3		1036.0		+933	+332	299,172	360,450	
248	1320		32° 39' 24"	-13.9°	3.8	91° 20'	-30.7	-34.5		1034.8	TP	+1250+2	+1244+3	299,491	360,545	
248	1320				11.4	91° -	-23.0	-34.4			TP					
	1650		213° 18' 08" - 180°	-13.9°	+7.5	-	-	+7.5	1042.3		BS	+1556+2	+548+3			
	1650				+14.7	TH	-8.3	+6.4			BS					
249	1320		212° 23'	-13.9°	10.3	84°	-6.6	-16.9		1025.4		-1252	-418	299,797	360,678	
250	990		" "	"	3.7	91° -	-17.3	-21.0		1021.3		-939	-314	300,110	360,782	
251	660		" "	"	11.7	91° -	-11.5	-23.2		1019.1		-626	-209	300,423	360,887	
252	660/330		" "	"	12.5	91° -	-5.8	-18.3		1024.0		-313	-105	300,736	360,991	
253	0				5.4	-	-	-5.4		1036.9	π	0	0	301,049	361,096	
254	330		32° 55'	-13.9°	8.3	92° -	-11.5	-19.8		1022.5		+312	+108	301,361	361,204	

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE		
8/10/81		G. Cotcamp		D. Harris		6834		JLW		9		28		
AREA		TOPO MAP		STATE		COUNTY		RANGE		PPM		PARTY MANAGER		
New England		Sunapee		New Hampshire		Sullivan						L. 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.	
									1042.3					
255	660		32°55'	-13.9°	6.5	92°	-23.0	-29.5		1012.8		+624	+215	301,673 361,311
256	990		32°55'	-13.9°	5.7	91°46'	-30.5	-36.2		1006.1	TP	+936+2	+322+3	301,987 361,421
256	990				0.5	92°04'	-35.7	-36.2			TP			
	7320	1318.1	214°23'08"-180°	-13.9°	+11.7	87°	-69.0	-57.3	948.8		BS	+1235	+461+3	
	1320				+7.8	87°10'	-65.2	-57.4			BS			
257	990		213°08'	-13.9°	6.0	87°	+51.7	+45.7		994.5		-935	-326	302,287 361,559
258	660		" "	"	3.9	88°	+23.0	+19.1		967.9		-623	-217	302,599 361,668
259	330		" "	"	2.4	88°	+11.5	+9.1		957.9		-312	-109	302,910 361,776
260	0				5.4	-	-	-5.4		943.4	X	0	0	303,222 361,885
261	330		34°43'	-13.9°	5.1	-	-	-5.1		943.7		+308	+117	303,530 362,002
262	660		" "	"	1.1	TH	+3.3	+2.2		951.0		+617	+235	303,839 362,120
263	990		34°243'	-13.6°	11.1	89°18'	+12.1	+1.0		949.8	TP	+923	+357+3	304,145 362,245
263	990				13.5	89°10'	+14.4	+0.9			TP			
	1320		215°18'10"-180°	-13.6°	+12.6	-	-	+12.6	962.4		BS	+1226	+488+3	
	1320				+6.0	BH	+6.7	+12.7			BS			
264	990		215°08'	-13.6°	10.2	BH	-5.0	-15.2		947.2		-920	-366	304,451 362,370
265	660		" "	"	11.3	BH	-3.3	-14.6		947.8		-613	-244	304,758 362,492
266	330		" "	"	11.9	-	-	-11.9		950.5		-307	-122	305,064 362,614
267	0				5.4	-	-	-5.4		957.0	X	0	0	305,371 362,736
267	113		49°49'	-13.6°	6.5	-	-	-6.5		955.9		+91	+67	305,462 362,803 Y.: Intersect

DATE		INSTRUMENT MAN			ROD MAN		PARTY NUMBER		NOTES CHECKED BY			LINE NO.	PAGE				
8/10/81		G. Cotcamp			D. Harris		6834		dlw			9	29				
AREA		TOPO MAP		STATE	COUNTY		TWP	RANGE	PPM	PARTY MANAGER							
New England		Sunapee		New Hampshire	Sullivan					L. 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		
									962.4								
268	330		52° 0'	-13.6°	13.1	BH	-1.7	-14.8		947.6		+259	+205	305,630	362,941		
269	660		48° 44'	-13.6°	4.2	92°	-23.0	-27.2		935.2		+540	+380	305,911	363,116		
270	987	986.4	46° 44'	-13.6°	2.1	92°	-34.4	-36.5		925.9	TP	+826	+539+3	306,197	363,278		
270	987				4.9	91° 50'	-31.6	-36.5			TP						
	660		226° 35' -180°	-13.6°	+4.5	88°	-23.0	-18.5	907.4		OS	+553	+359.3				
	660				+1.4	88° 16'	-20.0	-18.6			OS						
271	330		230° 10'	-13.6°	7.3	88°	+11.5	+4.2		911.6		-265	-197	306,485	363,443		
≠	181		234° 03'	-13.6°	1.1	-	-	-1.1		906.3		-138	-117	306,612	363,523	T-rd (west) el. 906.	
272	0				5.4	-	-	-5.4		902.0	π	0	0	306,750	363,640		
273	330		70° 26'	-13.6°	7.8	-	-	-7.8		899.6		+181	+276	306,931	363,916		
274	660		70° 26'	-13.6°	12.8	BH	-3.3	-16.1		891.3	TP	+361	+552+3	307,111	364,195		
274	660				14.2	90° 10'	-1.9	-16.1			TP						
	330	328.7	236° 57' -180°	-13.6°	+4.8	85°	-28.7	-23.9	867.4		OS	+239	+226+3				
	330				+2.9	85° 20'	-26.8	-23.9			OS						
275	0				5.4	-	-	-5.4		862.0	π	0	0	307,350	364,424	horiz. correct. y = +10', x = +54'	
276	330		43° 09'	-13.6°	6.7	95°	-28.7	-35.4		832.0		+287	+163	307,637	364,587		
≠	608	606.5	38° 33'	-13.6°	8.4	94°	-42.3	-50.7		816.7		+550	+256	307,900	364,680	307,900 + 364,680 T-rd (east)	
277	660		39° 16'	-13.6°	6.4	94°	-45.9	-52.3		815.1		+595	+286	307,945	364,710	E.O.L. #9	