



DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE						
1-31-83		B. Cotcamp		D. Ham: Hon		6834		D. H. Hon		11	1						
AREA		TOPO MAP	STATE	COUNTY		TWP	RANGE	PRM	PARTY MANAGER								
Depth Valley		Learn Lake - 15'	CALIF.	SAN BERNARDINO					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		
K <sub>1</sub>	L.S.G.S	Bm	ELEVATION - 153.6	TT-61	1943					153.6							L.S.G.S Bm EL 154.0
BS	1520		0° 00' 00"		3.7	-		+3.7			BS	-1387	+621	808,708	2436,951		TT-61 EL 152.9
BS	1520		(155° 52' 06")		+11.2	74	7.6	+3.6	157.2	157.2	BS						
1	1480		356° 19' (152° 11')		7.1	-		-7.1		150.1		-1309	+691	808,786	2437,021		
2	1158		359° 16' (155° 08')		11.2	TH	+5.8	-5.4		151.8		-1051	+487	809,044	2,436,917		
3	827		359° 38' (155° 30')		5.9	-		-5.9		151.3		-753	+343	809,742	2436,673		
4	497		359° 08' (153° 00')		6.6	-		-6.6		150.6		-443	+226	809,652	2436,556		Horizontal coord.
5	169		348° 47' (144° 39')		6.8	-		-6.8		150.4		-138	+98	809,957	2,436,428		Scaled - 20mg-5
Bm	0				7.6	-		-4.6		152.6	TP	0	0	810,095	2436,330		3- 810,095 x- 2436,330
6	167		196° 03' (351° 55')		5.9	-		-5.9		151.3		+165	-23	810,260	2,436,307		4- 810,260 y- 2436,307
7	494		185° 44' (341° 36')		6.6	-		-6.6		150.6		+469	-156	810,564	2,436,174		J- 684 1943
8	824		183° 53' (339° 45')		7.9	-		-7.9		149.3		+773	-285	810,868	2,436,085		SWISHER TAKEN @
9	1154		183° 46' (339° 38')		7.7	-		-7.7		149.5		+1082	-402	811,177	2,435,928		THIS IS NOT STARTING
10	1484		184° 25' (340° 17')		8.6	-		-8.6		148.6		+1397	-501	811,492	2,435,729		910 AZIMUTH
11	1812		184° 49' (340° 41')		7.2	-	+0.1	-7.2	7.1	150.1		+1710	-599	811,805	2,435,731		(155° 52' 06")
12	2141		184° 16' (340° 08')		6.1	-	+0.1	-6.0		151.2		+2014	-728	812,109	2,435,602		
13	2471		184° 01' (339° 53')		10.9	81 64	+9.4	-6.5		150.7		+2320	-850	812,415	2,435,490		
14	2800		184° 17' 31"		9.5	89 54	+5.0	-4.5		152.9	TP	+2634	-950	812,729	2,435,340		
14	2800		(340° 04' 40")		9.0	270 06	+5.0	-4.0	43		TP						

## SURVEY NOTES-HIGH RESOLUTION DATA

GEO-442

## Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY			LINE NO.		PAGE		
1-31-83		B. Cotcamp		D. Hamilton		6834		DR			11		2		
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Depth Valley		LEACH LAKE-15'		CALIF.		SAN BENITO								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
Bm			plates to field 0 00 00							152.9					
14	0			+ 4.95	4i			+ 4.9	157.8		X	0	0	813,729 2,435,380	
15	330		181° 56' (342° 06')		5.3	-		- 5.3		152.5		+ 314	- 101	813,043 2,435,279	
16	660		" " " "		7.2	TH	+ 3.3	- 3.9		153.9		+ 628	- 203	813,357 2,435,177	
17	990		" " " "		7.8	TH	- 5.0	- 2.8		155.0		+ 942	- 304	813,671 2,435,076	
18	1320		" " " "		4.0	-		- 4.0		153.8		+ 1256	- 406	813,985 2,434,974	
19	1650		" " " "		4.2	-	+ 0.1	- 4.1		153.7		+ 1570	- 507	814,299 2,434,873	
20	1980		181° 41' (341° 51')		7.1	89° 54'	+ 3.5	- 3.6		154.2		+ 1881	- 617	814,610 2,434,763	
21	2309		181° 42' (341° 52')		8.0	89° 54'	+ 4.1	- 3.9		153.9		+ 2194	- 719	814,923 2,434,661	
Bm	2555		181° 03' 36" (341° 316')		9.1	89° 50'	+ 7.6	- 7.5		156.3	Bm	+ 2419	- 822	815,148 2,434,558 5-815,100 2-2,434,545 4.5C+G.S. Bm El. 156.0 4-684 193	
22	2639		181° 49' 28"		10.7	89° 50'	+ 7.8	- 2.9		154.8	TP	+ 2510	- 816	815,239 2,434,564	
22	2639		(341° 59' 03')		10.9	89° 10'	+ 7.8	- 3.1	- 1.0		TP				
14			0° 00' 00"												
22	0			+ 4.75	4i			+ 4.7	159.5		X	0	0	815,239 2,434,569	
23	330		177° 40' (339° 31')		7.0	-		- 7.0		152.5		+ 309	- 115	815,548 2,434,469	
24	660		" " " "		8.1	-		- 8.1		151.4		+ 619	- 230	815,858 2,434,369	
25	990		" " " "		10.3	-		- 10.3		149.2		+ 928	- 344	816,167 2,434,260	
	1320		" " " "		11.4	-		- 11.4		148.1		+ 1238	- 459	816,477 2,434,109	
	1647		176° 50' (338° 49')		5.9	84	- 8.2	- 14.0		145.5		+ 1536	- 595	816,775 2,433,969	

## SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

## Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-1-83		B. Cotcamp		D. Hamilton		6834		D.H. D.H.		11		3			
AREA		TOPO MAP		STATE		COUNTY		TRP		RANGE		PPM		PARTY MANAGER	
Death Valley		LEACH LAKE - 15'		CALIF.		SAN BERNARDINO								L. Davis	
STATION NO.	SLOPE DISTANCE	PLOT DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
			plots to (31 ds)						159.5						
28	1976		176° 0' (338° 10')		12.6	-	+0.1	12.5		147.0		+1834	-735	817,073	2,433,829
29	2306		175° 58' (337° 57')		11.7	-	+0.1	11.6		147.9		+2137	-866	817,376	2,433,698
30	2636		176° 07' (338° 06')		12.0	-	+0.1	11.9		147.6		+2446	-983	817,685	2,433,581
31	2966		176° 18' (338° 17')		12.3	-	+0.2	12.1		147.4		+2755	-1097	817,994	2,433,467
32	3296		176° 23' (338° 22')		9.2	90° 04'	-3.6	12.8		146.7		+3064	-1215	818,303	2,433,349
33	3625		176° 27' (338° 26')		7.9	90° 04'	-3.9	11.8		147.7		+3371	-1332	818,610	2,433,232
34	3955		" " " "		10.9	-	+0.3	10.6		148.9		+3678	-1454	818,917	2,433,110
35	4282		177° 16' (339° 15')		11.2	-	+0.4	10.8		148.7		+4004	-1517	819,243	2,433,047
36	4608		177° 57' (339° 56')		11.3	-	+0.4	10.9		148.6		+4328	-1581	819,567	2,432,983
37	4934		178° 39' (340° 38')		11.8	-	+0.5	11.3		148.2		+4655	-1636	819,894	2,432,928
38	5253		179° 34' (341° 33')		11.2	-	+0.6	10.6		148.9		+4983	-1662	820,222	2,432,902
TP	5326		179° 23' 36"		9.1	-	+0.6	-8.5		150.5	TP	+547	-1701	820,286	2,432,863
TP	5326		(341° 22' 43")		10.0	270°	+0.6	-9.4			TP				
			0° 00' 00"												
TP	0				+4.05	M.		+4.0	154.5		X	0	0	820,286	2,432,863
39	274		217° 41' (19° 04')		7.2	-		-7.2		147.3		+259	+90	820,545	2,432,953
40	604		215° 02' (16° 25')		8.9	-		-8.9		145.6		+579	+171	820,865	2,433,034
41	934		215° 18' (16° 41')		7.6	-		-7.6		146.9		+895	+268	821,181	2,433,121

7-820,306-A-7+32,810  
 45.0+6.5 Bm G.L. 150.0  
 6-881 1993

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE						
2-1-83		B. Cotcamp		D. Hamilton		6834		D.H. J.H. J.D.		11	4						
AREA		TOPO MAP	STATE	COUNTY		TWP	RANGE	PPM	PARTY MANAGER								
Death Valley		LEACH LAKE - 15'	CALIF.	San Bernardino					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		
			plates to (31, 43)						154.5								
42	1244		216° 02' (17° 25')		6.6	-		-6.6		147.9		+1206	+378	821,492	2,433,241		
43	1592		217° 19' 24"		10.6	-	+0.1	-10.5		144.0	TP	+1502	+510	821,794	2,433,373		
43	1592		(18° 42' 07")		10.5	270°	+0.1	-10.4			TP						
TP			0° 00' 00"														
43	0				+5.15	H.I.		+5.1		149.1	X	0	0	821,794	2,433,373	LEACH Lake - 15'	
44	330		186° 47' (25° 29')		9.3	-		-9.3		139.8		+298	+142	822,092	2,433,515	CONFIDENCE 4100-15'	
45	660		" " " "		10.6	84	-3.3	-13.9		135.2		+596	+284	822,390	2,433,657		
46	990		" " " "		8.8	90° 40'	-11.5	-20.3		128.8		+894	+426	822,688	2,433,799		
47	1320		" " " "		9.2	90° 40'	-15.3	-24.5		124.6		+1192	+568	822,986	2,433,941		
48	1650		186° 47' (25° 29')		8.2	90° 50'	-23.9	-32.1		117.0		+1489	+710	823,283	2,434,083		
49	1980		" " " "		10.9	90° 50'	-28.7	-39.6		109.5		+1787	+852	823,581	2,434,225		
50	2310		186° 49' 04"		8.7	90° 56'	-37.5	-46.2			TP	+2084	+995	823,878	2,434,368		
50	2310		(25° 31' 11")		8.8	268° 04'	-37.5	-46.3		102.8	TP						
43			0° 00' 00"														
50	0				+4.75	H.I.		+4.7		107.5	X	0	0	823,878	2,434,368		
51	330		174° 57' (25° 28')		8.6	91° 10'	-6.7	-15.3		92.2		+298	+142	824,176	2,434,510		
52	660		" " " "		11.6	91° 10'	-13.4	-25.0		82.5		+596	+284	824,474	2,434,652		
53	990		" " " "		9.1	91° 20'	-25.9	-35.0		72.5		+894	+426	824,772	2,434,794		

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE					
2-1-83		B. Cotcamp		D. Hamilton		6834		D.H. B.R.		11	5					
AREA		TOPO MAP	STATE	COUNTY		TWP	RANGE	PPM	PARTY MANAGER							
Death Valley		Confidence Hills-15'	CALIF.	SAN BERNARDINO					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	
			plates to grids						107.5							
54	1320		179° 57' (25° 28')		9.8	91° 30'	-34.5	44.3		63.2		+1192	+568	825,070	2,434,936	
55	1519		178° 31' 49" (24° 00' 00")		8.1	91° 30'	-37.7	-47.8		59.7	Bm	+1387	+619	825,265	2,434,950	u.s.c.G.S Bm 66.590
55	1650		179° 57' (25° 28' 00")		9.9	91° 30'	-43.1	53.0		54.5		+1490	+709	825,368	2,435,077	F-654 1943 ZONE-4 TR COORDINATE
56	1980		" " (25° 28')		8.7	91° 30'	-51.7	60.4		47.1		+1788	+851	825,666	2,435,219	b-164,344.57 x-2,731.68
57	2310		" " " "		12.4	91° 16'	-51.0	63.4		44.1		+2086	+993	825,964	2,435,361	TR 9810 AZIMUTH (25° 25' 00")
58	2640		" " " "		10.0	91° 10'	-53.6	63.6		43.9		+2383	+1135	826,261	2,435,503	
59	2970		179° 57' (25° 28')		3.8	91° 16'	-60.3	64.1		43.4		+2681	+1277	826,559	2,435,645	
60	3300		" " " "		7.9	91° -	-57.4	65.3		42.2		+2979	+1419	826,857	2,435,787	
61	3630		" " " "		10.4	90° 54'	-56.7	67.1		40.4		+3277	+1561	827,155	2,435,929	
62	3960		" " " "		7.6	90° 54'	-61.9	62.5		38.0		+3575	+1703	827,453	2,436,071	
63	4290		" " " "		8.7	90° 48'	-59.5	-68.2		39.3		+3873	+1845	827,751	2,436,213	
64	4620		" " " "		6.0	90° 48'	-64.1	-70.1		37.4		+4171	+1987	828,049	2,436,355	
65	4944		180° 13' 49"		13.9	90° 40'	-57.0	-70.9		38.1	TP	+4453	+2148	828,331	2,436,497	→ ZONE 5 COORDINATE
65	4944		(25° 45' 00") <sup>zone 5</sup>		14.0	269° 20'	-57.0	-71.0		36.5	TP	+4476	+2098	167,377	2,733,182	→ NEW ZONE 4 COORDINATE
			(25° 07' 00") <sup>zone 4</sup>													
50			0 00 00													
65	0				+ 5.15	H.		+5.1			π	0	0	167,397	2,733,122	
66	330		200° 02' (45° 09')		9.0	-		-9.0		32.6		+233	+234	167,630	2,733,416	
67	657		202° 52' (47° 59')		12.0	-		-12.0		29.6	River	+440	+488	167,937	2,733,670	
68	985		201° 17' (46° 24')		7.0	-		-7.0		34.6		+679	+713	168,076	2,733,895	

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE				
2-1-83		B. Gotcamp		D. Hamilton		6834		HJF dd		11		6				
AREA		TOPO MAP		STATE		COUNTY		TRP		RANGE		PARTY MANAGER				
Death Valley		Confidence Hills - 15'		CALIF.		SAN BERNARDINO						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	X
			plotted to (geoid)						41.6							
69	1259		192° 10' (37° 17')		7.4	-		-7.4		24.2		+1002	+763	169,319	2,733,745	
70	1507		182° 58' (28° 05')		9.0	-		-9.0		32.6		+1330	+709	169,727	2,733,891	
71	1778		176° 19' (21° 26')		10.3	-	+0.1	-10.2		31.4		+1655	+650	169,052	2,733,932	
8M	1737		175° 10' 27" (20° 17' 27")		9.7	-	+0.1	-8.6		33.0	8M	+1629	+602	169,026	2,733,789	U.S. G.S. BM 6133 E-684 MW3
72	2064		171° 22' (16° 29')		12.1	-	+0.1	-12.0		29.6		+1979	+586	169,376	2,733,768	
73	2361		167° 39' (12° 46')		11.8	-	+0.1	-11.7		29.9		+2303	+522	169,700	2,733,704	
74	2667		164° 51' (9° 58')		9.0	90° 06'	-4.5	-13.5		28.7		+2627	+462	170,024	2,733,694	
75	2978		162° 35' 04"		10.9	90° 04'	-3.3	-14.2		27.5	TP	+2951	+399	179,345	2,733,575	
75	2978		(7° 42' 04')		10.6	269° 56'	-3.3	-13.9	-14.18		TP	-3	-6			
65			0° 00' 00"													
75	0				+4.95	Mi.		+4.9	32.4		X	0	0	170,345	2,733,875	
76	330		161° 39' (349° 21')		5.9	-		-5.9		26.5		+324	-61	170,669	2,733,814	
77	660		" " " "		7.2	-		-7.2		25.2		+649	-122	170,994	2,733,453	
78	990		" " " "		8.5	-		-8.5		23.9		+973	-183	171,318	2,733,392	
79	1320		" " " "		10.0	-		-10.0		22.7		+1297	-244	171,642	2,733,331	
80	1650		161° 39' (349° 21')		10.9	-	+0.1	-10.8		21.6		+1622	-305	171,967	2,733,270	
81	1980		" " " "		11.2	-	+0.1	-11.1		21.3		+1946	-366	172,291	2,733,209	
82	2310		" " " "		12.7	-	+0.1	-12.6		19.8		+2270	-427	172,615	2,733,148	

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE				
2-1-83		B. Cotcamp		D. Hamilton		6834		N.H. DR		11		7				
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER		
Death Valley		Confidence Hills-15'		CALIF.		SAN BERNARDINO								L. Davis		
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION INSTRUMENT	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	NORTH + SOUTH - LAT.	EAST + WEST - DEP.	COORDINATES		REMARKS
														Y	X	
83	2640		plates to grids 161 39 13		8.4	90° 06'	-4.5	-12.9	32.4	19.6	TP	+2595	-488	172,927	2,733,081	
83	2640		(349° 21' 11")		8.1	269° 54'	-4.5	-12.6	-12.9		TP	-3	-6			
75			0° 00' 00"													
83	0				+4.95	H.		+4.9	24.5		X	0	0	172,937	2,733,081	
84	330		179° 47' (349° 08')		7.0	-		-7.0		17.5		+324	-62	173,261	2,733,019	
85	660		" " " "		8.0	-		-8.0		16.5		+648	-124	173,585	2,732,957	
86	990		" " " "		8.0	-		-8.0		16.5		+972	-187	173,909	2,732,899	
87	1320		" " " "		10.1	-		-10.1		14.4		+1296	-249	174,233	2,732,832	
8m	1319		177° 30' 54" (346° 52' 11")		8.6	-		-8.6		15.9	8m	+1285	-300	174,222	2,732,781	45.0466, 8m Bl. 16.0 0-6841943
88	1650		179° 47' (349° 08')		10.8	-	+0.1	-10.7		13.8		+1620	-311	174,557	2,732,770	
89	1980		" " " "		11.9	-	+0.1	-11.8		12.7		+1945	-373	174,882	2,732,708	
90	2310		" " " "		12.6	-	+0.1	-12.5		12.0		+2269	-435	175,206	2,732,646	
91	2638		179° 41' 11"		13.3	-	+0.1	-13.2		11.4	TP	+2591	-497	175,525	2,732,578	
91	2638		(349° 08' 24")		13.0	270°	+0.1	-12.9	-13.3		TP	-3	-6			
83			0° 00' 00"													
91	0				+5.25	H.		+5.2	16.6		X	0	0	175,525	2,732,578	
92	730		180° 03' (349° 12')		6.9	-		-6.9		9.7		+324	-62	175,849	2,732,516	
93	660		" " " "		7.9	-		-7.9		8.7		+648	-124	176,173	2,732,454	

## SURVEY NOTES-HIGH RESOLUTION DATA

GEO-443

## Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE						
2-1-83		B. Cotcamp		D. Hamilton		6834		DMH	RA	11	8						
AREA		TOPO MAP	STATE	COUNTY		TRP	RANGE	PPM	PARTY MANAGER								
North Valley		Confidence Hills-15	CALIF.	SAN BERNARDINO					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		
			plates to (graphs)						16.6								
94	990		180° 03' (349° 12')		7.0	-	-7.0			9.6		+972	-186	176,497	2,732,392		
95	1320		" " " "		8.9	-	-8.9			7.7		+1297	-247	176,822	2,732,331		
96	1650		" " " "		9.8	-	+0.1	-9.7		6.9		+1621	-309	177,146	2,732,269		
97	1980		" " " "		10.5	-	+0.1	-10.4		6.2		+1945	-371	177,470	2,732,207	↑ SAN BERNARDINO CO.	
98	2310		180° 03' (349° 12')		12.0	-	+0.1	-11.9		4.7		+2269	-433	177,794	2,732,145	↓ IN 30 CO.	
99	2640		" " " "		12.4	-	+0.1	-12.3		4.3		+2593	-495	178,118	2,732,083		
100	2970		" " " "		8.0	90° 06'	-5.0	-13.0		3.6		+2917	-557	178,442	2,732,021		
101	3300		" " " "		8.7	90° 06'	-5.5	-14.2		2.4		+3242	-618	178,767	2,731,960		
102	3630		" " " "		9.6	90° 06'	-6.1	-15.7		0.9		+3566	-680	179,091	2,731,898		
103	3960		180° 03' (349° 12')		8.3	90° 06'	-6.6	-14.9		1.7		+3890	-742	179,415	2,731,836		
104	4290		" " " "		8.0	90° 06'	-7.1	-15.1		1.5		+4214	-804	179,739	2,731,774		
105	4620		" " " "		8.1	90° 06'	-7.6	-15.7		0.9		+4538	-866	180,063	2,731,712		
106	4950		" " " "		8.3	90° 06'	-8.1	-16.4		0.2		+4862	-928	180,387	2,731,650		
107	5279		179° 59' 40"		8.3	90° 06'	-8.6	-16.9		0.2	TP	+5184	-995	180,706	2,731,577		
107	5279		(349° 08' 15')		8.0	169° 54'	-8.6	-16.6	-16.8		TP	-3	-6				
91			0° 00' 00"														
107	0				+5.2	H.		+5.2	5.0		π	0	0	180,706	2,731,577		
108	330		180° 10' (349° 18')		5.6	-	-5.6			0.6		+324	-61	181,030	2,731,516		
109	660		" " " "		6.3	-	-6.3			7.3		+649	-123	181,355	2,731,454		

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE					
2-2-83		B. Cotcamp		D. Hamilton		6834		D.H., R.R.		RD 11		9					
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER			
Death Valley		Confidence Mills-15		CALIF.		Inyo								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		
			plies to grid						5.0								
110	990		180° 10' (349° 18')		6.5	-		-6.5		-1.5		+973	-184	181,679	2,731,393		
111	1320		" " " "		6.1	-		-6.1		-1.1		+1297	-245	182,003	2,731,332		
112	1650		" " " "		6.9	-	+0.1	-6.8		-1.8		+1621	-306	182,227	2,731,271		
113	1980		" " " "		6.0	-	+0.1	-5.9		-0.9		+1946	-368	182,652	2,731,209		
114	2310		" " " "		4.0	-	+0.1	-3.9		1.1		+2270	-429	182,976	2,731,148		
115	2639		179° 46' (348° 53')		10.0	89° 51'	+6.3	-3.7		1.3		+2589	-509	183,295	2,731,068		
116	2966		175° 59' (348° 07')		10.9	89° 52'	+7.1	-3.8		1.2		+2902	-611	183,608	2,729,966		
117	3292		178° 03' (347° 11')		7.2	89° 58'	+2.1	-5.1		-0.1		+3210	-730	183,916	2,729,897		
118	3617		177° 02' (346° 10')		7.9	-	0.3	-7.6		-2.6		+3512	-865	184,218	2,730,712		
119	3939		175° 56' 25"		10.4	-	+0.3	-10.1		-5.0	TP	+3806	-1014	184,509	2,730,587		
119	3939		(345° 04' 90")		10.1	270°	+0.3	-9.8	-10.03		TP	-3	-6				
107			0° 00' 00"														
119	0				+5.1	H:		+5.1	0.1		X	0	0	184,509	2,730,587		Wk Rep.
Bm	59		101° 29' 58" (266° 34' 38')		4.6	-		-4.6		-4.5	Bm	-4	-59	184,505	2,730,498		2.5. C.P.G. 3 on B-GN 1942 EL. -5.0
120	330		164° 37' (329° 42')		6.5	89° 50'	+1.0	-5.5		-5.4		+285	-166	184,794	2,730,391		
121	660		" " " "		7.5	89° 50'	+1.9	-3.6		-5.5		+570	-333	185,079	2,730,244		
122	990		" " " "		7.8	89° 50'	+2.9	-4.9		-4.8		+855	-499	185,364	2,730,058		
123	1320		" " " "		8.9	89° 50'	+3.9	-5.0		-4.9		+1140	-666	185,649	2,729,891		
124	1650		" " " "		9.0	89° 50'	+4.9	-4.1		-4.0		+1425	-832	185,934	2,729,725		

## SURVEY NOTES-HIGH RESOLUTION DATA

GEO-448

## Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE					
2-2-83		B. Cotcamp		D. Hamilton		6834		D.H. A.H. A.D.		11	10					
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE	PPM	PARTY MANAGER				
Death Valley		Confidence Hills-18'		CALIF.		INYO						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	
			dates to grids						0.1							
125	1980		164° 37' (329° 42')		8.7	89° 50'	+5.8	-2.9		-2.8		+1710	-999	186,219	2,729,558	
126	2310		" " "		9.0	89° 50'	+6.8	-2.2		-2.1		+1994	-1165	186,503	2,729,392	
127	2640		" " "		9.2	89° 50'	+7.8	-1.4		-1.3		+2279	-1332	186,788	2,729,225	
128	2970		" " "		9.9	89° 50'	+8.8	-1.1		-1.0		+2564	-1498	187,073	2,729,059	
129	3300		164° 37' (329° 42')		10.8	89° 50'	+9.8	-1.0		-0.9		+2849	-1665	187,358	2,728,892	
130	3630		" " "		12.6	89° 50'	+10.8	-1.8		-1.7		+3134	-1831	187,643	2,728,726	
131	3960		" " "		10.9	89° 50'	+11.8	-0.9		-0.8		+3419	-1998	187,928	2,728,559	
132	4290		" " "		10.0	89° 50'	+12.9	-2.9		+3.0		+3704	-2164	188,213	2,728,393	
133	4620		" " "		11.9	89° 50'	+13.9	-2.0		+2.1		+3989	-2331	188,498	2,728,226	
134	4950		164° 37' "		10.9	89° 50'	+14.9	-4.0		+4.1		+4274	-2497	188,783	2,728,060	
135	5280		164° 40' 41"		10.3	89° 50'	+15.9	+5.6		5.7	TP	+4561	-2659	189,067	2,727,892	
135	5280		" (329° 45' 27")		10.2	89° 50'	+15.9	+5.7			TP		-6			
119			0° 00' 00"													
135	0				+5.1	4.1		+5.1	10.8		X	0	0	189,067	2,727,892	
Bm	154		161° 56' 05" (311° 41' 22")		6.1	-		-6.1		4.7	Bm	+102	-115	189,169	2,727,777	h.s. to G.S. Bm. El. 40 A-684 1945
136	330		180° 17' (330° 02')		7.5	-		-7.5		3.3		+286	-165	189,353	2,727,727	
137	660		" " "		9.3	-		-9.3		1.5		+572	-330	189,639	2,727,562	
138	990		" " "		10.8	-		-10.8		0.0		+858	-495	189,925	2,727,397	
139	1320		" " "		6.6	Bm	-6.6	-13.2		2.4		+1144	-659	190,211	2,727,233	

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-2-83		B. Cotcamp		D. Hamilton		6834		B.C. [Signature]		11		11			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Depth Valley		Confidence Hills-15'		CALIF.		Inyo								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
			Plates → (9 Ribs)						10.8						
140	1650		180° 17' (330° 02')		10.7	90° 10'	-4.7	75.4		-4.6		+1429	-824	190,496	2,727,068
141	1880		" " " "		12.7	90° 10'	-5.7	78.4		-7.6		+1715	-989	190,782	2,726,903
142	2310		" " " "		7.7	90° 20'	-13.3	21.0		-10.2		+2001	-1154	191,068	2,726,738
143	2640		" " " "		5.4	90° 20'	-15.2	20.6		-9.8		+2287	-1319	191,354	2,726,573
144	2970		180° 17' (330° 02')		10.5	90° 10'	-8.5	19.0		-8.2		+2573	-1484	191,640	2,726,408
145	3300		" " " "		8.9	90° 10'	-9.4	18.3		-7.5		+2859	-1648	191,926	2,726,244
146	3630		" " " "		7.1	90° 16'	-10.3	17.4		-6.6		+3145	-1813	192,212	2,726,079
147	3960		" " " "		10.3	90° 06'	-6.6	16.9		-6.1		+3431	-1978	192,498	2,725,914
148	4289		180° 14' 41"		7.8	90° 06'	-7.1	14.9		-4.0	TP	+3714	-2144	192,779	2,725,742
148	4289		(330° 00' 05')		7.5	269° 54'	-7.1	14.6			TP	-2	-6		
136			0° 00' 00"												
148	0				+5.05	Hi		+5.0			X	0	0	192,779	2,725,742
149	330		179° 53' (329° 53')		7.8	89°	+5.8	2.0		-1.0		+285	-166	193,064	2,725,576
150	660		" " " "		7.8	89°	+11.5	+3.7		+4.7		+571	-331	193,350	2,725,411
151	990		178° 21' (328° 21')		5.1	89°	+17.3	+12.2		+13.2		+843	-519	193,622	2,725,223
Bm	1091		175° 38' 06" (325° 38' 15")		2.0	89°	+19.1	17.1		+18.1	Bm	+900	-616	193,679	2,725,126
152	1316		176° 01' (326° 01')		9.0	88° 40'	+30.7	+21.7		+22.7		+1091	-736	193,870	2,725,006
153	1636		173° 02' (323° 02')		8.0	88° 40'	+38.1	+30.1		+31.1		+1307	-984	194,086	2,724,758

U.S.C+G. S. 6-B. 18-A  
2-672 1943

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-2-83		B. Cotcamp		D. Hamilton		6834		RR B.C.A.		11		12			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Depth Valley		Confidence 4.85-15'		CALIF.		INYO								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
									+1.0						
154	1946		169° 35' (319° 35')		6.2	88° 50'	+39.7	+33.5		+34.5		+1482	-1262	194,261	2,724,480
155	2241		165° 30' (315° 30')		6.0	89° -	+39.2	+33.2		+34.2		+1598	-1571	194,377	2,724,171
156	2541		162° 01' 36"		8.9	89° 06'	+40.0	+31.1		32.1	TP	+1701	-1887	194,479	2,723,253
156	2541		(312° 01' 44")		8.8	26° 54'	+40.0	+31.2			TP	-1	-2		
148			6° 00' 00"												
156	0				+5.15	H:		+5.1	37.2		X	0	0	194,479	2,723,853
157	330		155° 35' (287° 37')		8.0	-		-8.0		29.2		+100	-315	194,579	2,723,538
Δ	1761		92° 10' 25" (221° 12' 01")		8.3	91° 30'	-46.0	-57.3		-17.1	Δ	-1262	-1227	193,217	2,722,626
158	660		155° 35' (287° 37')		9.3	90° 10'	-1.9	71.2		26.0		+200	-629	194,679	2,723,224
159	990		" " " "		9.3	90° 10'	-2.9	72.2		25.0		+300	-944	194,779	2,722,909
160	1320		" " " "		8.9	90° 10'	-3.9	72.7		24.5		+399	-1258	194,878	2,722,595
161	1650		" " " "		12.4	90° 10'	-4.7	77.1		20.1		+499	-1573	194,978	2,722,280
162	1980		" " " "		7.8	90° 20'	-11.4	79.2		18.0		+599	-1887	195,078	2,721,966
163	2310		" " " "		6.8	90° 20'	-13.3	20.1		17.1		+699	-2202	195,178	2,721,651
164	2640		155° 35' (287° 37')		8.1	90° 20'	-15.2	23.3		13.9		+799	-2516	195,278	2,721,337
165	2970		" " " "		10.2	90° 20'	-17.1	27.3		9.9		+899	-2831	195,378	2,721,022
166	3299		155° 35' 29"		10.8	90° 20'	-19.0	29.8		7.6	TP	+997	-3145	195,473	2,720,709
166	3299		(287° 35' 13')		10.5	261° 40'	-19.0	29.5			TP	-3	"		

B=193,217 X=2,722,626  
 45.65 Δ Δ ELEV. -17.0  
 11 61 190 MODIFIED -21'  
 CALIF. X=44'

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED		LINE NO.		PAGE		
2-2-83		B. Cotcamp		D. Hamilton		6834		RR B.C.A		11		13		
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PARTY MANAGER		
Depth Valley		Confidence Hills-15'		CALIF.		INYO						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.	
156			0° 00' 00"							7.6				
166	0		ARCOS → (9.10)	+ 5.15	H <sub>i</sub>		+ 5.1	12.7			X	0	0	195,473 2,720,709
167	330		177° 44' (287° 19')	10.1	-		10.1			2.6		+ 98	- 315	195,571 2,720,394
168	660		" " " "	10.0	B <sub>u</sub>	- 3.3	13.3			0.6		+ 196	- 630	195,669 2,720,079
Bm	554		181° 32' 36" (291° 07' 49')	7.0	90° 20'	- 3.2	10.2			2.5	Bm	+ 182	- 523	195,655 2,720,186 5.5 46.5 Bm Bl. 20 3.672 8943
169	990		180° 22' (287° 57')	10.2	90° 20'	- 5.7	15.9			- 3.2		+ 305	- 942	195,778 2,719,767
170	1318		182° 05' (289° 40')	6.9	90° 20'	- 7.6	14.5			1.8		+ 444	- 1241	195,917 2,719,468
171	1643		184° 02' (291° 37')	12.6	-	+ 0.1	12.5			0.2		+ 605	- 1527	196,078 2,719,182
172	1965		186° 11' 52"	9.7	-	+ 0.1	9.6			3.1	TP	+ 797	- 1796	196,267 2,718,914
172	1965		(293° 56' 05')	9.6	270° -	+ 0.1	9.5				TP	- 3	"	"
166			0° 00' 00"											
172	0			+ 5.05	H <sub>i</sub>		+ 5.0	8.1			X	0	0	196,267 2,718,914
173	330		192° 38' (306° 33')	5.5	89° 20'	+ 3.8	7.7			6.4		+ 197	- 265	196,464 2,718,649
174	660		" " " "	7.3	89° 20'	+ 7.7	0.4			8.5		+ 393	- 530	196,660 2,718,384
175	990		" " " "	9.8	89° 20'	+ 11.5	1.7			9.8		+ 590	- 795	196,857 2,718,119
176	1320		" " " "	10.5	89° 20'	+ 15.4	4.9			13.0		+ 786	- 1060	197,053 2,717,854
177	1650		" " " "	12.7	89° 20'	+ 19.3	6.6			14.7		+ 983	- 1326	197,250 2,717,588
178	1980		" " " "	9.1	89° 30'	+ 17.4	8.3			16.4		+ 1179	- 1591	197,446 2,717,323

## SURVEY NOTES-HIGH RESOLUTION DATA

GEO-442

## Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE		
2-2-83		B. Cotcamp		O. Hamilton		6834		BA B.C. 10		11		14		
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PARTY MANAGER		
Dayth Valley		Confidence Hills-15'		CALIF.		Inyo						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.	
			Plates 7 (9 R.D.)						8.1					
179	2310		192° 38' (306° 38')		10.5	89° 30'	+29.3	+9.8		17.9		+1376	-1856	197,643 2,717,058
180	2640		" " " "		12.1	89° 30'	+23.2	+11.1		19.2		+1572	-2121	197,839 2,716,793
181	2970		" " " "		9.1	89° 30'	+26.1	+17.0		25.1		+1769	-2386	198,036 2,716,528
182	3300		" " " "		7.7	89° 30'	+29.0	+21.3		29.4		+1965	-2651	198,232 2,716,263
183	3630		" " " "		5.1	89° 30'	+31.9	+26.8		34.9		+2162	-2916	198,429 2,715,998
184	3960		" " " "		10.9	89° 24'	+41.9	+30.9		39.0		+2358	-3181	198,625 2,715,733
Bm	3951		192° 51' 19" (306° 46' 24")		8.2	89° 24'	+41.7	+33.5		41.6	Bm	+2365	-3165	198,632 2,715,749 <small>x=672 193</small>
185	4290		192° 38' (306° 33')		9.0	89° 24'	+45.3	+36.3		44.4		+2555	-3446	198,822 2,715,468
186	4620		" " " "		10.0	89° 24'	+48.8	+38.8		46.9		+2751	-3711	199,018 2,715,203
187	4950		" " " "		7.7	89° 24'	+52.3	+44.6		52.7		+2948	-3977	199,215 2,714,937
188	5280		" " " "		7.1	89° 24'	+55.9	+48.8		56.9		+3144	-4242	199,411 2,714,672
189	5609		192° 36' 41"		9.9	89° 20'	+65.9	+56.0		64.2	TP	+3338	-4507	199,602 2,714,408
189	5609		(306° 31' 46')		9.6	270° 40'	+65.9	+56.3			TP	-3	-1	
172			0° 00' 00"											
189	0				+5.15	Hi		+5.2		69.4	TP	0	0	199,602 2,714,408
190	330		180° 03' (306° 35')		10.0	89° -	+5.8	+4.2		65.2		+197	-265	199,799 2,714,143
191	660		" " " "		12.5	89° -	+11.5	+0.1		69.3		+393	-530	199,995 2,713,878
192	990		" " " "		11.5	89° 20'	+11.5	+0.0		69.4		+590	-795	200,192 2,713,613

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-2-83		B. Cottramp		D. Hamilton		6824		AA B.C. AD		11		15			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Death Valley		Confidence Hills-15'		CALIF.		Inyo								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
			Plates → (9210)						69.4						
193	1320		180° 03' (306° 35')		11.9	89° 20'	+15.4	+4.5		73.9		+787	-1060	200,389	2,713,348
194	1650		" " " "		8.5	89° 30'	+14.5	+6.0		75.4		+983	-1325	200,585	2,713,083
195	1980		" " " "		10.9	89° 30'	+17.4	+6.5		75.9		+1180	-1590	200,782	2,712,818
196	2310		180° 11' (306° 43')		8.6	89° 40'	+13.5	+5.5		74.9		+1381	-1852	200,983	2,712,556
197	2640		" " " "		9.2	89° 40'	+15.5	+6.3		75.7		+1578	-2116	201,180	2,712,292
198	2969		180° 15' 41"		10.8	89° 40'	+17.5	+6.7			TP	+1778	-2378	201,377	2,712,031
198	2969		(306° 47' 27")		10.7	270° 20'	+17.5	+6.9		76.2	TP	-3	"		
181			0° 00' 00"												
198	0				+5.05	H.		+5.1		81.3	X	0	0	201,377	2,712,031
199	330		180° 06' (306° 53')		5.7	-		-5.7		75.6		+198	-264	201,575	2,711,767
200	660		" " " "		9.0	-		-9.0		72.3		+396	-528	201,773	2,711,503
201	990		" " " "		11.2	-		-11.2		70.1		+594	-792	201,971	2,711,239
202	1320		" " " "		6.7	BH	-6.6	-73.3		68.0		+792	-1056	202,169	2,710,975
203	1650		" " " "		9.9	BH	-8.3	-18.1		63.2		+990	-1320	202,367	2,710,711
204	1980		180° 03' 58"		10.9	90° 20'	-11.4	-22.3		59.0	TP	+1188	-1584	202,562	2,710,448
204	1980		(306° 51' 28")		10.9	269° 40'	-11.4	-22.3			TP	-3	"		
198			0° 00' 00"												
204	0				+5.2	H.		+5.2		64.2	X	0	0	202,562	2,710,448

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-3-83		B. Cotcamp		D. Hamilton		6834		RA B.C. AD		11		16			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Dayle Valley		Confidence Hills - 15		CALIF.		TNGO								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
			Plumas (Rio)						64.2						
205	330		180° 03' (306° 54')		5.3	90° 50'	-4.8	-10.1		54.1		+198	-264	202,760	2,710,184
206	660		" " " "		5.0	90° 50'	-9.6	-14.6		49.6		+396	-528	202,958	2,709,920
207	990		" " " "		5.6	90° 50'	-14.4	-20.0		44.2		+594	-792	203,156	2,709,656
208	1320		" " " "		8.9	90° 50'	-19.2	-28.1		36.1		+793	-1056	203,355	2,709,392
209	1650		" " " "		8.8	90° 50'	-23.9	-32.7		31.5		+991	-1319	203,553	2,709,129
210	1980		180° 03' (306° 54')		11.5	90° 50'	-28.7	-40.2		24.0		+1189	-1583	203,751	2,708,865
211	2310		" " " "		7.6	91° -	-40.2	-47.8		16.4		+1387	-1847	203,949	2,708,601
212	2640		" " " "		7.1	91° -	-45.9	-53.0		11.2		+1585	-2111	204,147	2,708,337
213	2970		" " " "		6.8	91° -	-51.7	-58.5		5.7		+1783	-2375	204,345	2,708,073
214	3300		" " " "		7.8	91° -	-57.4	-65.2		-1.0		+1981	-2639	204,543	2,707,809
215	3630		180° 03' (306° 54')		9.0	91° -	-63.1	-72.1		-7.9		+2180	-2903	204,742	2,707,545
216	3960		" " " "		9.0	91° -	-68.8	-77.8		-13.6		+2378	-3167	204,940	2,707,281
217	4290		" " " "		7.8	91° -	-74.5	-82.3		-18.1		+2576	-3431	205,138	2,707,017
218	4620		" " " "		6.9	91° -	-80.2	-87.1		-22.9		+2774	-3695	205,336	2,706,753
219	4950		" " " "		5.0	91° -	-85.9	-90.9		-26.7		+2972	-3958	205,534	2,706,490
220	5280		180° 04 39'		11.3	90° 54'	-82.4	-93.77			TP	+3172	-4220	205,731	2,706,229
220	5280		(306° 50' 04")		11.2	209° 06'	-82.4	-93.6		-29.4	TP	-3	+		

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		SHEET NO.		PAGE			
2-3-83		B. Cotcamp		D. Hamilton		6834		RR B.C.A.D.		11		17			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Death Valley		Confidence Hills-15		CALIF.		INYO								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
204			0° 00' 00"							-29.4					
220	0		(PLATES → 9R' 0)	+5.05	H.		+5.1	24.3			π	0	0	205.731	2706.229
221	330		180° 00' (306° 56')	7.9	-		-7.9			32.2		+198	-264	205.929	2705.965
222	660		179° 54' (306° 50')	8.1	-		-8.1			32.4		+396	-528	206.127	2705.701
223	990		" " " "	8.9	-		-8.9			33.2		+593	-792	206.324	2705.437
224	1320		" " " "	9.0	-		-9.0			33.3		+791	-1057	206.522	2705.172
225	1650		" " " "	5.7	-	+0.1	5.6			29.9		+989	-1321	206.720	2704.908
226	1980		179° 54' (306° 50')	10.6	TH	+9.9	0.7			25.0		+1187	-1585	206.918	2704.644
227	2310		" " " "	7.0	89° 40'	+13.5	+6.5			17.8		+1385	-1849	207.116	2704.380
228	2640		" " " "	7.2	89° 30'	+23.2	+16.0			8.3		+1583	-2113	207.314	2704.116
229	2970		" " " "	9.0	89° 20'	+34.7	+25.7			1.4		+1780	-2377	207.511	2703.852
230	3300		" " " "	4.0	89° 20'	+38.6	+34.6			10.3		+1978	-2641	207.709	2703.588
231	3630		" " " "	8.3	89° 10'	+53.1	+44.8			20.5		+2176	-2905	207.907	2703.324
232	3960		" " " "	4.3	89° 10'	+57.9	+53.6			29.3		+2374	-3170	208.105	2703.059
Bm	4073		180° 29' 08" (307° 25' 12")	9.9	89° -	+71.4	+61.5			37.2	Bm	+2475	-3235	208.206	2702.994
233	4290		179° 54' (306° 50')	13.4	89° -	+75.2	+61.8			37.5		+2572	-3434	208.303	2702.795
234	4620		" " " "	8.9	89° -	+81.1	+72.2			47.9		+2770	-3698	208.501	2702.531
235	4950		" " " "	6.0	89° -	+86.9	+80.9			56.6		+2967	-3962	208.698	2702.267

45:06.3 Bm. El. 880  
4-672 1945

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		SHEET NO.		PAGE		
2-3-83		B. Cotcamp		D. Hamilton		6884		B.C.A.D.		11		18		
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PARTY MANAGER		
Death Valley		Confidence Hills-15		CALIF.		Inyo						L. Davis		
STATION NO.	SLOPE DISTANCE	PLOT DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	COORDINATES		REMARKS
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.	
			PLATES → (9210s)						24.3					
236	5279		179° 55' 12"		4.5	89° -	+92.7	+89.2	} 126.5	64.2	TP	+3166	-4223	208,894 2,702,007
236	5279		(306° 51' 16")		4.0	271° -	+92.7	+88.7		TP				
220			0° 00' 00"											
236	0				+5.25	H:		+5.3	} 69.5		π	0	0	208,894 2,702,007
237	330		179° 58' (306° 49')		6.0	88° 40'	+7.7	+1.7		71.2		+198	-264	209,092 2,701,743
238	660		" " "		7.3	88° 40'	+15.4	+8.1		77.6		+396	-528	209,290 2,701,479
239	990		" " "		9.2	88° 40'	+23.1	+3.9		83.4		+593	-793	209,487 2,701,214
240	1320		" " "		11.0	88° 40'	+30.8	+9.8		89.3		+791	-1057	209,685 2,700,950
241	1650		179° 58' (306° 49')		5.0	89° -	+28.9	+23.9		93.4		+989	-1321	209,883 2,700,686
242	1980		" " "		7.0	89° -	+34.6	+27.6		97.1		+1187	-1585	210,081 2,700,422
243	2310		" " "		10.2	89° -	+40.4	+30.2		99.7		+1384	-1849	210,278 2,700,158
244	2640		179° 45' 30"		11.7	89° -	+46.2	+34.5	}		TP	+1574	-2119	210,465 2,699,889
244	2640		(306° 36' 46")		11.6	271° -	+46.2	+34.6		104.1	TP	-3	+1	2,699,889
			0° 00' 00"											ACROSS STATION
236					+5.1	H:		+5.1	} 109.2		π	0	0	210,465 2,699,889
244	0													
245	330		182° 31' (307° 14')		5.9	-		-5.9		103.3		+209	-256	210,675 2,699,633
246	660		181° 23' (307° 59')		6.0	-		-6.0		103.2		+406	-520	210,871 2,699,369

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-3-83		B. Cotcamp		D. Hamilton		6834		DR JW		11		19			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Depth Valley		Confidence Hills-15'		CALIF.		INYO								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
			Plates (92.0)						109.2						
247	990		181° 03' (307° 40')		8.8	-	-8.8			100.4		+605	-784	211,070	2,699,105
248	1320		180° 51' (307° 28')		11.0	-	-11.0			98.2		+803	-1048	211,268	2,698,841
249	1650		180° 47' (307° 24')		11.5	-	+0.1	-11.4		97.8		+1002	-1311	211,467	2,698,578
8m	1656		181° 22' 53" (307° 59' 39")		8.5	-	-0.1	-8.4		100.8	8m	+1019	-1305	211,484	2,698,584
250	1980		180° 42' (307° 19')		10.0	90° 10'	5.7	-15.7		93.5		+1200	-1575	211,665	2,698,314
251	2310		180° 36' 17"		10.7	90° 10'	-6.6	-17.3		91.9	TP	+1397	-1840	211,859	2,698,050
251	2310		(307° 13' 03")		10.7	269° 50'	-6.6	-17.3			TP	-3	+1		
244			0° 00' 00"												
251	0				+5.25	M.	+5.3			97.2	X	0	0	211,859	2,698,050
252	330		179° 41' (306° 54')		7.9	90° 40'	-3.8	-11.7		85.5		+198	-264	212,057	2,697,786
253	660		" " " "		9.8	90° 40'	-7.7	-14.5		82.7		+396	-528	212,255	2,697,522
254	990		" " " "		6.8	90° 40'	-11.5	-18.3		78.9		+594	-792	212,453	2,697,258
255	1320		" " " "		8.2	90° 40'	-15.3	-23.5		73.7		+793	-1056	212,652	2,696,994
256	1650		179° 41' (306° 54')		11.1	90° 40'	-19.1	-30.2		67.0		+991	-1319	212,850	2,696,731
257	1980		" " " "		8.9	90° 50'	-28.7	-37.6		59.6		+1189	-1583	213,048	2,696,467
258	2310		" " " "		7.8	90° 50'	-33.5	-41.3		55.9		+1387	-1847	213,246	2,696,203
259	2640		" " " "		10.1	90° 50'	-38.3	-48.4		48.8		+1585	-2111	213,444	2,695,939
260	2970		" " " "		6.7	90° 50'	-43.0	-49.7		47.5		+1783	-2375	213,642	2,695,675

u.s.c. + 6.5 8m 61.104  
T-672 1943

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-3-83		B. Cotcamp		D. Hamilton		6834		B.C.		11		20			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Death Valley		Confidence Hills-15'		CALIF.		INYO								I. 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
			PLATON 7 (R.O.)						97.2						
261	3300		179° 41' (306° 54')		5.7	90° 50'	-47.8	53.5		43.7		+1981	-2639	213,840	2,695,411
262	3630		" " " "		7.7	90° 46'	-48.3	56.0		41.2		+2180	-2903	214,039	2,695,147
263	3760		" " " "		7.2	90° 46'	-52.7	59.9		37.3		+2378	-3167	214,237	2,694,883
264	4290		" " " "		9.7	90° 46'	-57.0	66.7		30.5		+2576	-3431	214,435	2,694,649
265	4618		" " " "		10.1	90° 46'	-61.4	71.5		25.7		+2773	-3693	214,632	2,694,357
Δ	4571		179° 58' 11"		9.3	90° 44'	-58.1	67.4		29.8	TP	+2764	-3640	214,622	2,694,410
Δ	4571		(307° 12' 14")		9.2	269° 16'	-58.1	67.3			TP	-	-		
			0° 00' 00"												
Δ previous T.P.	0				+3.9	4:		+3.9		33.7	X	0	0	214,622	2,694,410
266	1333		293° 20' 17" (60° 32' 31")		5.5	87° -	+69.8	+64.3		98.0	PREV. T.P.	+656	+1161	215,278	2,695,571
266	378		176° 31' (303° 43')		8.9	90° 50'	-5.5	-14.4		19.3		+210	-314	214,832	2,694,096
267	706		177° 56' (305° 01')		8.2	90° 50'	-10.3	-18.5		15.2		+406	-578	215,028	2,693,832
268	1036		178° 35' (305° 47')		6.9	90° 50'	-15.0	-21.9		11.8		+606	-840	215,228	2,693,570
269	1367		178° 50' 57"		8.0	90° 50'	-19.8	-27.8			TP	+805	-1105	215,428	2,693,306
269	1367		(306° 03' 11")		7.9	269° 10'	-19.8	-27.7		6.0	TP	-	-		
			126° 04' 54"												
Δ	0		0° 00' 00"												
269	0				+5.25	4:		+5.3		11.3	X	0	0	215,428	2,693,306

y=214,622 x=2,694,410  
 U.S. Coast & Geod. Surv. El. 30.0  
 5-6-72 1943 Horiz. Y-28  
 CORR. X-14

y=215,278 x=2,695,570  
 STA. 377 LINE 09 EL. 103

SUNSHOT TAKEN @  
 THIS POINT CORRECTED  
 GRID AZIMUTH

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NO. CHECKED BY		LINE NO.		PAGE			
2-4-83		B. Cotcamp		D. Hamilton		6834		PR		11		21			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Depth Valley		Confidence Hills-15'		CALIF.		Tulare								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
			PLATES → (GRID)						11.3						
270	330		180° 52' (306° 57')		5.8	91° 30'	-8.6	-14.4		-3.1		+193	-264	215,626	2,693,042
271	660		" " " "		4.0	91° 30'	-17.3	-21.3		-10.0		+397	-527	215,825	2,692,779
272	990		" " " "		4.1	91° 30'	-25.9	-30.0		-19.7		+595	-791	216,023	2,692,515
273	1320		" " " "		3.8	91° 30'	-34.5	-38.3		-27.0		+793	-1055	216,221	2,692,251
274	1650		" " " "		6.9	91° 30'	-43.1	-50.0		-38.7		+992	-1319	216,420	2,691,987
275	1980		180° 52' (306° 57')		9.7	91° 30'	-51.7	-61.4		-50.1		+1190	-1582	216,618	2,691,724
276	2310		" " " "		10.1	91° 30'	-60.4	-70.5		-59.2		+1389	-1846	216,817	2,691,460
277	2640		" " " "		9.8	91° 30'	-69.0	-78.8		-67.5		+1587	-2110	217,015	2,691,196
278	2970		" " " "		11.8	91° 30'	-77.6	-89.4		-78.1		+1785	-2374	217,213	2,690,932
279	3300		" " " "		11.4	91° 30'	-86.2	-97.6		-86.3		+1984	-2637	217,412	2,690,669
280	3630		" " " "		8.6	91° 30'	-94.8	-103.4		-92.1		+2182	-2901	217,610	2,690,405
281	3959		" " " "		6.6	91° 30'	-103.3	-109.9		-98.6		+2380	-3164	217,808	2,690,142
282	4288		181° 12' (307° 17')		9.9	91° 24'	-104.4	-114.3		-103.0		+2597	-3412	218,025	2,689,879
TP	4557	4555.6	181° 20' 05"		7.5	91° 24'	-110.9	-118.4			TP	+2768	-3618	218,197	2,689,617
TP	4557		(307° 24' 59")		7.4	208° 36'	-110.9	-118.3		-107.0	TP	-	-		
269			0° 00' 00"												
TP	0				+5.0	Hi.		+5.0	-102.0		TP	0	0	218,197	2,689,689
283	69		219° 06' (346° 31')		5.7	-		-5.7		-107.7		+67	-76	218,269	2,689,623

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-4-83		B. Cotcamp		D. Hamilton		6834		JH		11		22			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Death Valley		Confidence Mills-15'		CALIF.		Inyo								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
			PLATOS 2 (92.0)						-102.0						
284	395		194° 20' (321° 45')		12.6	-		-12.6		-114.6		+310	-245	218,507	2,689,444
285	725		194° 11' (321° 36')		10.0	90° 40'	8.4	-18.4		-120.4		+568	-450	218,765	2,687,237
286	1053		195° 10' (322° 35')		9.8	90° 40'	12.2	-22.0		-124.0		+836	-240	219,033	2,689,047
287	1384		195° 57' (323° 22')		10.8	90° 24'	-9.6	-20.4		-122.4		+1111	-826	219,308	2,688,863
288	1713		196° 35' (324° 00')		11.7	90° 10'	-4.9	-16.6		-118.6		+1386	-1007	219,583	2,688,692
289	2042		196° 57' (324° 22')		5.3	90° 10'	-5.9	-11.2		-113.2		+1660	-1190	219,957	2,688,477
290	2372		197° 10' (324° 35')		11.2	89° 54'	+4.3	-6.9		-108.9		+1933	-1375	220,170	2,688,314
291	2701		197° 18' (324° 43')		6.0	89° 54'	+4.9	-1.1		-103.1		+2205	-1560	220,402	2,688,129
292	3031		197° 28' (324° 53')		11.2	89° 42'	+16.1	+4.9		-97.1		+2479	-1744	220,676	2,687,945
293	3361		197° 36' (325° 01')		8.3	89° 42'	+17.8	+9.5		-92.5		+2759	-1927	220,951	2,687,762
294	3691		197° 41' (325° 06')		5.3	89° 42'	+19.6	+14.3		-87.7		+3027	-2112	221,224	2,687,577
295	4021		197° 46' (325° 11')		9.7	89° 38'	+26.1	+16.4		-85.6		+3301	-2296	221,498	2,687,420
296	4350		197° 49' (325° 14')		7.7	89° 38'	+28.2	+20.5		-81.5		+3573	-2481	221,770	2,687,208
297	4680		197° 36' (325° 01')		7.0	89° 38'	+30.4	+23.4		-78.6		+3834	-2683	222,031	2,687,006
298	5006		196° 58' 10"		7.7	89° 38'	+32.6	+24.9		-76.9	TP	+4070	-2915	222,268	2,686,775
298	5006		(324° 23' 09")		7.4	270° 22'	+32.6	+25.2			TP	+	+		
TP			0° 00' 00"												
298	0				+4.95	4i		+5.0		-71.9	X	0	0	222,268	2,686,775

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE				
2-4-83		B. Cotcamp		D. Hamilton		6834		JDR		11		23				
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER		
Death Valley		Confidence Hills-15'		CALIF.		INYO								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	
			Plates → (9/110)						-71.9							
299	320		165° 46' (310° 08')		9.7	90° 20'	-1.9	-11.6		-83.5		+213	-252	222,481	2,686,523	
300	660		" " " "		6.5	90° 20'	-3.8	-10.3		-82.2		+425	-305	222,693	2,686,270	
301	990		" " " "		11.8	89° 40'	+5.8	-6.0		-77.9		+638	-757	222,906	2,686,018	
302	1320		" " " "		10.6	89° 40'	+7.7	-2.9		-74.8		+851	-1009	223,119	2,685,766	
303	1650		" " " "		7.0	89° 40'	+9.7	-2.7		-69.2		+1064	-1262	223,332	2,685,513	
304	1980		165° 45' (310° 08')		9.8	89° 30'	-17.4	-7.6		-64.3		+1276	-1514	223,544	2,685,261	
305	2310		" " " "		7.2	89° 30'	+20.3	+13.1		-58.8		+1489	-1766	223,757	2,685,009	
306	2640		" " " "		6.9	89° 30'	+23.2	+16.3		-55.6		+1702	-2018	223,970	2,684,757	
307	2970		" " " "		9.2	89° 30'	+26.1	+16.9		-55.0		+1914	-2271	224,182	2,684,504	
308	3300		" " " "		4.2	89° 30'	+29.0	+24.8		-47.1		+2127	-2523	224,395	2,684,252	
309	3630		165° 45' (310° 08')		7.2	89° 30'	+31.9	+24.7		-47.2		+2340	-2775	224,608	2,684,000	
310	3960		" " " "		7.8	89° 30'	+34.9	+27.1		-44.8		+2552	-3028	224,820	2,683,747	
311	4290		" " " "		5.2	89° 30'	+37.8	+32.6		-39.3		+2765	-3280	225,033	2,683,495	
312	4620		" " " "		10.1	89° 24'	+48.8	+38.7		-33.2		+2978	-3532	225,246	2,683,243	
313	4950		" " " "		8.3	89° 24'	+52.3	+44.0		-27.9		+3191	-3785	225,459	2,682,990	
314	5280		" " " "		8.9	89° 24'	+55.9	+47.0		-24.9		+3403	-4037	225,672	2,682,738	
315	5609		165° 49' 23"		8.8	89° 24'	+59.4	+50.6	} 3143	-21.1	TP	+3615	-4289	225,884	2,682,487	
315	5609		(310° 01' 32")		8.5	210° 26'	+59.4	+50.9				TP	"	"		

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE					
2-4-83		B. Gotcamp		D. Hamilton		6834		[Signature]		11	24					
AREA		TOPO MAP	STATE	COUNTY	TWP	RANGE	PPM	PARTY MANAGER								
Duff Valley		Confessure Hills - KS	CAWIF.	Inyo				I. Davis								
STATION NO.	SLOPE DISTANCE	PLOTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	NORTH + SOUTH -	EAST + WEST -	COORDINATES		REMARKS
												LAT.	DEP.	Y	X	
			PLATES → (GRID)													
298			0° 00' 00"							-21.1						
315	0			+5.0	4.1			+5.0	-16.1		X	0	0	225884	2,622,487	
316	330		180° 04' (310° 12')		5.1	89° 40'	+1.9	3.2		-19.3		+213	252	226,097	2,622,235	
317	660		" " " "		12.0	89° 40'	+3.8	8.2		-24.3		+426	304	226,310	2,621,983	
318	990		" " " "		9.2	-		-9.2		-25.3		+639	756	226,522	2,621,731	
319	1320		" " " "		9.9	-		-9.9		-26.0		+852	1008	226,736	2,621,479	
320	1650		" " " "		9.9	-	+0.1	-9.8		-25.9		+1065	1260	226,949	2,621,227	
321	1980		" " " "		12.6	-	+0.1	-12.5		-28.6		+1278	1512	227,162	2,620,975	
322	2310		" " " "		11.2	90° 10'	6.6	-17.8		-33.9		+1491	1764	227,375	2,620,723	
323	2639		180° 03' 41"		8.2	90° 10'	-7.5	-15.7			TP	+1703	2016	227,588	2,620,472	
323	2639		(310° 11' 15")		8.1	269° 50'	-7.5	-15.6		-31.7	TP	"	"			
315			0° 00' 00"													
323	0			+5.15	4.1			+5.2	-26.5		X	0	0	227,528	2,620,472	
324	330		180° 00' (310° 11')		4.7	91° -	-5.8	10.5		-37.0		+213	252	227,801	2,620,220	
325	660		" " " "		6.5	91° -	-11.5	18.0		-44.5		+426	304	228,014	2,619,968	
326	945		177° 01' (307° 12')		8.7	91° -	-16.5	25.2		-51.7		+571	753	228,559	2,619,716	
327	1048		158° 58' (289° 01')		8.3	91° 50'	-33.5	41.8		-68.3		+344	990	227,932	2,619,464	
328	1303		141° 46' (278° 56')		10.0	92° 10'	-49.2	59.2		-85.7		+202	1287	227,790	2,619,185	

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE						
2-4-83		B. Cotcamp		D. Hamilton		6834		JDK		11	25						
AREA		TOPO MAP	STATE	COUNTY		TWP	RANGE	PRM	PARTY MANAGER								
Death Valley		Confidence Hills-15	CALIF.	Inyo					L. Oquias								
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		
			PLATES → (92' 0")						26.5								
329	1606		143° 41' (273° 52')		10.1	92° 20'	-65.3	-75.4		-101.9		+108	-1602	227,696	2,678,270		
330	1735		143° 48' (273° 59')		8.1	92° 30'	-84.3	-92.4		-118.9		+134	-1930	227,722	2,678,542		
331	2264		143° 55' (274° 06')		9.8	92° 30'	-98.6	-108.4		-134.9		+162	-2258	227,750	2,678,214		
332	2591		144° 54' (275° 05')		10.0	92° 30'	-112.9	-122.9		-149.4		+230	-2581	227,818	2,677,891		
333	2920		144° 48' (274° 59')		9.7	92° 35'	-127.2	-136.9		-163.4		+254	-2909	227,842	2,677,563		
334	3249		144° 39' (274° 50')		11.0	92° 26'	-137.7	-148.7		-175.2		+279	-3237	227,862	2,677,235		
335	3543	3539.8	142° 08' 29"		10.3	92° 26'	-150.2	-160.5		-186.8	TP	+144	-3537	227,733	2,676,936		
335	3543		(272° 19' 44")		10.0	267° 34'	-150.2	-160.2	-160.33		TP	"	"				
323			0° 00' 00"														
335	0				+ 5.15	4i		+5.2	3181.6		A	0	0	227,733	2,676,936		
336	330		153° 18' (245° 38')		8.3	91° -	-5.8	-14.1		-195.7		-136	-301	227,597	2,676,635		
337	655		158° 50' (251° 10')		4.9	91° -	-16.4	-16.3		-197.9		-211	-620	227,522	2,676,316		
338	982		162° 10' (254° 30')		12.5	90° 10'	-2.8	-15.3		-196.9		-262	-946	227,471	2,675,990		
339	1310		163° 56' (256° 16')		10.7	90° 10'	-3.8	-14.5		-196.1		-311	-1273	227,422	2,675,663		
340	1640		164° 46' (257° 06')		7.9	90° 10'	-4.7	-12.6		-194.2		-366	-1599	227,367	2,675,337		
341	1969		165° 20' (257° 40')		6.0	90° 10'	-5.6	-10.6		-192.2		-411	-1924	227,492	2,675,012		
342	2299		165° 35' (257° 55')		7.2	-	+0.1	-7.1		-198.7		-481	-2248	227,252	2,674,688		
343	2575		168° 21' (260° 41')		5.9	-	+0.1	-5.8		-187.4		-417	-2541	227,316	2,674,395		

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE				
2-7-83		D. Getcamp		D. Hamilton		6834		DR		11	26				
AREA		TOPO MAP		STATE		COUNTY		TWP		PARTY MANAGER					
Depth Valley		Confidence Hills-15		CALIF.		Inyo				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
			PLATES → 92.0						-181.6						
344	2796		173° 33' (265° 53')		7.7	-	+0.2	-7.5		-189.1		-201	-2789	227,532	2,679,147
345	3039		177° 57' (270° 17')		7.4	-	+0.2	-7.2		-188.8		+15	-3039	227,748	2,673,897
346	3294		181° 44' (274° 04')		7.5	-	+0.2	-7.3		-188.9		+234	-3286	227,967	2,673,650
347	3561		184° 58' (277° 18')		8.0	-	+0.3	-7.7		-189.3		+452	-3532	228,185	2,673,404
348	3838		187° 46' (280° 06')		9.0	-	+0.3	-8.7		-190.3		+673	-3779	228,406	2,673,157
349	4123		190° 09' (282° 29')		9.1	-	+0.4	-8.7		-190.3		+891	-4026	228,629	2,672,910
350	4413		192° 16' (284° 36')		8.8	-	+0.4	-8.4		-190.0		+1112	-4271	228,845	2,672,665
351	4710		194° 06' 04"		7.5	-	+0.5	-7.0		-188.2	TP	+1332	-4518	229,066	2,672,419
351	4710		(286° 25' 48")		6.8	270°	+0.5	-6.3			TP	+	+		
335			0° 00' 00"												
351	0				+4.95	Hi		+5.0		183.2	X	0	0	229,066	2,672,419
352	730		198° 02' (304° 28')		7.3	-		-7.3		-190.5		+187	-272	229,253	2,672,147
353	660		196° 47' (303° 13')		11.9	-		-11.9		-195.1		+362	-552	229,428	2,671,867
354	970		" " " "		11.9	BH	5.0	-76.5		-199.7		+542	-828	229,608	2,671,591
355	1320		" " " "		12.5	BH	2.6	-19.1		-202.3		+723	-1104	229,789	2,671,315
B~	1355		194° 43' 15" (301° 09' 03")		10.0	BH	-6.8	-16.8		-200.0	BH	+700	-1160	229,766	2,671,259
354	1650		196° 45' (303° 11')		6.7	BH	-8.3	-14.9		-198.1		+903	-1381	229,969	2,671,038
357	1980		" " " "		8.9	-	+0.1	-8.8		-192.0		+1089	-1657	230,150	2,670,762

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-7-83		B. Cotcamp		D. Hamilton		6834		[Signature]		11		27			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Death Valley		Cont. Dence Hills-15		CALIF.		Inyo								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
			Plates → (grid)						-183.2						
358	2310		196° 42' (303° 08')		10.9	-	+0.1	-10.8		-194.0		+1263	-1934	239,229	2,670,185
359	2640		196° 35' (303° 01')		11.0	-	+0.1	-10.9		-194.1		+1438	-2214	239,504	2,670,205
360	2968		196° 27' (302° 53')		12.6	-	+0.2	-12.4		-195.6		+1615	-2490	239,681	2,669,929
361	3296		196° 54' (303° 20')		10.0	90° 06'	-5.5	-15.5		-198.7		+1811	-2754	239,877	2,669,605
362	3623		197° 39' (304° 05')		12.1	90° 06'	-6.1	-18.2		-201.4		+2030	-3001	231,096	2,669,918
363	3942		198° 56' (305° 22')		11.6	90° 08'	-8.9	-20.5		-203.7		+2282	-3215	231,348	2,669,204
364	4261		200° 07' (306° 23')		10.8	90° 10'	-12.0	-22.8		-206.0		+2538	-3923	231,604	2,669,996
TP	4445		200° 44' 12"		10.5	269° 50'	-12.5	-23.0		-206.3	TP	+2685	-3542	231,752	2,668,878
TP	4445		(307° 10' 00")		10.8	90° 10'	-12.5	-23.3			TP	"	"		
351			0° 00' 00"												
TP	0				+ 5.05	H.I.		+5.1		-201.2	X	0	0	231,752	2,668,878
365	3140		194° 34' (321° 44')		5.8	-		-5.8		-207.0		+110	-87	231,862	2,668,791
366	470		" " " "		8.9	-		-8.9		-210.1		+369	-291	232,121	2,668,587
367	800		" " " "		10.9	-		-10.9		-212.1		+628	-495	232,380	2,668,383
368	1130		" " " "		12.7	-		-12.7		-213.9		+887	-700	232,639	2,668,178
369	1460		194° 34' (321° 44')		7.2	B4	-7.3	-14.5		-215.7		+1146	-904	232,898	2,667,974
370	1790		" " " "		10.0	90° 10'	-5.1	-15.1		-216.3		+1405	-1109	233,157	2,667,769
371	2120		" " " "		10.1	90° 10'	-6.1	-16.2		-217.4		+1664	-1313	233,416	2,667,565

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTICE CHECKED BY		LINE NO.	PAGE						
2-7-83		B. Cotcamp		D. Hamilton		6834		DJ		11	28						
AREA		TOPO MAP	STATE	COUNTY		TWP	RANGE	PPM	PARTY MANAGER								
Depth Valley		Confidence Hills-15	CALIF.	Inyo					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		
			PLATES TO (GRID)						201.2								
372	2450		194° 34' (321° 44')		10.9	90° 10'	-7.0	-17.9		-219.1		+1924	-1517	223,676	2,667,361		
371	2689		194° 00' 24" (321° 10' 24")		10.2	90° 10'	-7.7	-17.9		-219.1	371	+2094	-1687	233,846	2,667,191		
373	2780		194° 34' (321° 44')		10.0	90° 10'	-7.9	-17.9		-219.1		+2183	-1722	233,935	2,667,156		
374	3110		" " " "		9.1	90° 10'	-8.8	-17.9		-219.1		+2442	-1926	234,199	2,666,952		
375	3440		" " " "		9.0	90° 10'	-9.8	-18.8		-220.0		+2701	-2130	234,453	2,666,748		
376	3770		" " " "		7.8	90° 10'	-10.7	-18.5		-219.7		+2960	-2335	234,712	2,666,543		
377	4098		" " " "		6.8	90° 10'	-11.6	-18.4		-219.6		+3217	-2538	234,069	2,666,340		
378	4428		" " " "		6.0	90° 10'	-12.5	-18.5		-219.7		+3477	-2742	235,279	2,666,136		
379	4758		194° 25' (321° 35')		10.9	90° 06'	-17.8	-18.7		-219.9		+3728	-2957	235,480	2,665,921		
380	5087		194° 01' 01"		10.0	90° 06'	-8.3	-18.3		-219.3	TP	+3969	-3182	235,722	2,665,697		
380	5087		(321° 17' 01")		9.7	269° 54'	-8.3	-18.0			TP	+	+				
TP			0° 00' 00"														
380	0				+5.0	H.i		+5.0		-214.3	X	0	0	235,722	2,665,697		
381	330		180° 35' (321° 52')		5.3	-		-5.3		-219.6		+260	-203	235,982	2,665,494		
382	660		183° 18' (324° 35')		6.4	-		-6.4		-220.7		+538	-382	236,260	2,665,315		
383	987		185° 08' (326° 25')		8.0	-		-8.0		-222.3		+822	-546	236,544	2,665,151		
384	1317		185° 45' (327° 02')		7.1	-		-7.1		-221.4		+1105	-717	236,827	2,664,980		
385	1647		" " " "		6.2	-	+0.1	-6.1		-220.4		+1382	-896	237,104	2,664,801		

## SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE				
2-7-83		B. Colcamp		D. HARRIS, HOW		6834		JH		11	29				
AREA		TOPO MAP		STATE		COUNTY		TWP	PPM	PARTY MANAGER					
Death Valley		Wingate WASH-15'		CALIF.		Inyo				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
			PLATES 7(9.10)						214.3						
386	1976		185° 53' (327° 10')		5.7	-	+0.1	-5.6		219.9		+1660	-1071	237,382	2,667,626
387	2305		186° 31' (327° 48')		6.2	-	+0.1	-6.1		220.4		+1950	-1228	237,672	2,667,469
388 on	2139		184° 41' 46" (325° 58' 47")		3.8	-	+0.1	-3.7		218.0	Bm	+1772	-1198	237,494	2,668,499
388	2633		187° 22' (328° 34')		6.0	-	+0.1	-5.9		220.2		+2249	-1370	237,971	2,668,327
389	2961		188° 07' (329° 24')		7.2	-	+0.2	-7.0		221.3		+2549	-1507	238,271	2,668,110
390	3290		188° 37' (329° 54')		7.6	-	+0.2	-7.4		221.7		+2846	-1650	238,568	2,667,847
391	3618		189° 04' (330° 21')		7.8	-	+0.3	-7.5		221.8		+2786	-2309	238,508	2,663,388
392	3947		189° 30' (330° 47')		8.0	-	+0.3	-7.7		222.0		+3445	-1927	239,167	2,663,370
393	4276		189° 53' (331° 10')		9.0	-	+0.4	-8.6		222.9		+3746	-2062	239,468	2,663,635
394	4605		190° 14' 32"		10.3	-	+0.4	-9.9		223.9	TP	+4048	-2195	239,771	2,663,503
394	4605		(331° 31' 33")		9.8	270°	+0.4	-9.4			TP	"	"		
380			0° 00' 00"												
394	0				+5.15	Hi		+5.2		218.7		0	0	239,771	2,663,503
395	330		184° 26' (335° 58')		6.0	-		-6.0		224.7		+301	-134	240,072	2,663,369
396	660		" " " "		6.8	-		-6.8		225.5		+603	-269	240,379	2,663,234
397	990		" " " "		6.9	-		-6.9		225.6		+904	-403	240,675	2,663,100
398	1320		" " " "		7.3	-		-7.3		226.0		+1206	-538	240,977	2,662,965
399	1650		" " " "		6.9	-	+0.1	-6.8		225.5		+1507	-672	241,278	2,662,831

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE					
2-7-83		B. Cotcamp		O. Hamilton		6834		RDR		11	30					
AREA		TOPO MAP	STATE	COUNTY	TWP	RANGE	PPM	PARTY MANAGER								
Depth Valley		Wingate WASH-15	CALIF.	Inyo				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	
			Platons 9210						218.7							
400	1979		184° 26' (335° 58')		5.9	-	+0.1	5.8		224.5		7807	806	241,578	2,662,177	
401	2309		" " " "		4.6	-	+0.1	4.5		223.2		7109	940	241,880	2,662,563	
402	2639		" " " "		7.8	89° 54'	+4.7	3.1		221.4		+2410	7075	242,181	2,662,428	
Bn	2814		185° 42' 09" (337° 02' 42")		6.4	89° 54'	+5.1	-1.3		220.0	on	+2594	7090	242,365	2,662,413	
403	2968		184° 30' 35"		6.9	89° 54'	+5.4	-1.5		-220.0	TP	+2712	7206	242,484	2,662,299	
403	2968		(336° 02' 08")		6.6	270° 06'	+5.4	-1.2	-1.3		TP	+1	+1			
374			0° 00' 00"													
403	0				+5.15	4'		+5.2	214.8		X	0	0	242,484	2,662,298	
404	330		177° 0' (333° 15')		5.9	89° 50'	+1.0	4.9		219.7		7295	749	242,779	2,662,149	
405	660		" " " "		5.8	89° 50'	+1.9	3.9		218.7		7589	797	243,073	2,662,001	
406	990		" " " "		6.8	89° 50'	+2.9	3.9		218.7		7884	746	243,368	2,661,952	
407	1319		176° 01' (332° 03')		7.0	89° 50'	+3.9	3.1		217.9		7165	718	243,649	2,661,680	
408	1645		174° 05' (330° 07')		6.7	89° 50'	+4.8	1.9		216.7		7426	820	243,910	2,661,478	
409	1974		173° 06' (329° 08')		6.9	89° 50'	+5.8	1.1		215.9		7694	7013	244,178	2,661,285	
410	2303		173° 09' (329° 11')		7.4	89° 50'	+6.8	0.6		215.4		7978	7180	244,462	2,661,118	
411	2632		172° 27' 47"		9.0	89° 48'	+9.3	+0.3		214.3	TP	+2294	7375	244,729	2,660,924	
411	2632		(322° 29' 55")		8.7	270° 12'	+9.3	+0.6	+0.5		TP	+1	+1			

## SURVEY NOTES-HIGH RESOLUTION DATA

GEO-440

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE				
2-8-83		B. Cotcamp		D. Hamilton		6834		AK		11	31				
AREA		TOPO MAP		STATE		COUNTY		TRP	RANGE	PPM	PARTY MANAGER				
Deer Valley		Vingate WASH-15'		CALIF.		Inyo					L. O'Neil				
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
			PLATES → (92.0)												
403			0° 00' 00"												
411	0				+ 4.8	4i		+4.8	209.5		X	0	0	244,729	2,669,924
412	330		185° 04' (333° 34')		7.3	-		-7.3		216.8		+296	747	245,025	2,669,777
413	660		" " " "		8.4	-		-8.4		217.9		+591	294	245,320	2,669,630
414	990		" " " "		9.7	-		-9.7		219.2		+387	441	245,616	2,669,483
415	1320		" " " "		11.2	-		-11.2		220.7		+1182	588	245,911	2,669,336
416	1645		182° 57' (331° 27')		11.2	-	+0.1	11.1		220.6		+1445	786	246,174	2,669,188
417	1972		181° 45' (330° 15')		11.8	-	+0.1	11.7		221.2		+712	979	246,441	2,659,945
418	2301		180° 56' (329° 26')		11.7	-	+0.1	11.6		221.1		+1981	1170	246,710	2,659,754
Bm	2522		180° 47' 48" (329° 17' 43")		11.0	-	+0.1	-10.9		220.4	Bm				
419	2630		180° 11' (328° 47')		9.9	90° 04'	-2.9	12.8		222.3		+2249	7363	246,978	2,659,561
420	2960		179° 49' 23"		9.5	90° 04'	-3.3	-12.8		222.1	TP	+2519	7554	247,249	2,659,371
420	2960		(328° 19' 18")		9.2	201° 56'	-3.3	-12.5	5-11.6		TP	"	"		
			0° 00' 00"												
420	0				+ 5.1	4i		+5.1	217.0		X	0	0	247,249	2,659,371
421	330		176° 21' (324° 50')		6.8	-		-6.8		223.8		+270	790	247,519	2,659,191
422	659		174° 44' (323° 03')		7.8	-		-7.8		224.8		+527	396	247,776	2,658,925
423	987		172° 41' (321° 00')		6.9	-		-6.9		223.9		+767	621	248,016	2,658,750

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTICE CHECKED BY		LINE NO.		PAGE			
2-9-83		B. Cottramp		D. Hamilton		6834		PK		11		32			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Depth Valley		Wingate WASH-15'		CALIF.		INYO								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
			PLANS 9 (9210)												
424	1305		168° 25' (316° 44')		5.7	-		-5.7		222.7		+950	-894	248,199	2,658,477
425	1617		164° 10' (312° 29')		12.6	74	+8.1	4.5		221.5		+1092	-193	248,341	2,658,198
426	1937		161° 32' (309° 51')		7.7	89° 52'	+4.6	3.1		220.1		+1241	-1487	248,490	2,657,894
427	2260		159° 48' (308° 07')		8.3	89° 52'	+5.4	2.9		219.9		+1395	-1778	248,644	2,657,573
428	2585		158° 32' 05"		8.0	89° 52'	+6.2	-1.8		218.6	TP	+1551	-2068	248,800	2,657,303
428	2585		(300° 51' 23")		7.7	270° 08'	+6.2	-1.5			TP				
420			0° 00' 00"												
428	0			+5.25	4.1			+5.3		213.3	X	0	0	248,800	2,657,303
429	330		173° 42' (300° 33')		6.9	-		-6.9		220.2		+168	-284	248,968	2,658,019
430	660		" " " "		8.1	-		-8.1		221.4		+335	-568	249,135	2,656,785
431	970		" " " "		8.1	-		-8.1		221.4		+503	-853	249,303	2,656,450
432	1320		173° 06' (299° 57')		8.7	-		-8.7		222.0		+659	-1144	249,459	2,656,159
433	1649		173° 00' (299° 51')		9.0	-	+0.1	-8.9		222.2		+821	-1430	249,621	2,655,823
434	1974		174° 51' (301° 42')		11.0	-	+0.1	-10.9		224.2		+1037	-1680	249,837	2,655,623
bn	2208		176° 36' 35" (303° 27' 58")		11.5	-	+0.1	-11.4		224.7	bn				
435	2299		176° 23' (303° 14')		7.2	90° 08'	-5.2	-12.4		225.7		+1260	-1923	250,060	2,655,380
436	2628		176° 54' (303° 45')		8.0	90° 08'	-6.0	-14.0		227.3		+1460	-2185	250,260	2,655,118
437	2958		176° 51' (303° 42')		7.0	90° 08'	-6.7	-13.7		227.0		+1641	-2461	250,441	2,654,942

## Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-9-83		B. Cotcamp		D. Hamilton		6834		JH		11		33			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Death Valley		Bennetts well-15'		CALIF.		Inyo								I. 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
			PLATE 6 → (grid)												
438	3288		176° 53' (303° 44')		7.9	90° 08'	-7.4	15.3		228.6		+1680	2826	250,480	2,654,477
439	3618		" " " "		8.0	90° 08'	-8.1	16.1		229.4		+2009	3009	250,809	2,654,299
440	3946		177° 21' (304° 13')		9.0	90° 08'	-8.9	17.9		231.2		+2218	3264	251,018	2,654,039
441	4275		177° 48' (304° 39')		9.8	90° 08'	-9.6	19.4		232.7		+2431	3517	251,231	2,653,786
442	4604		178° 06' (304° 57')		10.3	90° 08'	-10.3	20.6		233.9		+2637	3774	251,437	2,653,529
443	4932		177° 46' (304° 57')		10.7	90° 08'	-11.0	21.7		235.0		+2802	4059	251,602	2,653,244
444	5254		176° 51' 48"		10.4	90° 08'	-11.7	-22.1		235.3	TP	+2924	4365	251,724	2,652,938
444	5254		(303° 49' 11")		10.1	269° 52'	-11.7	-21.8			TP				
428			0° 00' 00"												
444	0				+5.1	H.		+5.1		230.2	X	0	0	251,724	2,652,938
445	330		170° 17' (294° 06')		5.3	-		-5.3		225.5		+135	301	251,859	2,652,637
446	660		170° 44' (294° 33')		6.1	-		-6.1		236.3		+274	600	251,998	2,652,338
447	990		169° 28' (293° 17')		6.1	-		-6.1		236.3		+391	909	252,115	2,652,039
448	1316		170° 46' (294° 35')		7.1	-		-7.1		237.3		+547	1197	252,271	2,651,741
449	1637		173° 19' (297° 08')		8.0	-	+0.1	-7.9		238.1		+747	1459	252,471	2,651,479
450	1949		176° 52' (300° 41')		8.1	-	+0.1	-8.0		238.2		+995	1676	252,719	2,651,262
451	2224		181° 50' (305° 39')		7.9	-	+0.1	-7.8		238.0		+1296	1807	253,020	2,651,131
452	2513		185° 41' (309° 30')		7.8	-	+0.1	-7.7		237.9		+1598	1939	253,322	2,650,999

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-9-83		B. Cotcamp		D. Hamilton		6834		RR		11		34			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Death Valley		Benwell's Well-15'		CALIF.		Inyo								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
			PLATES 2(9,10)												
453	2823		188° 05' (311° 54')		7.6	-	+0.2	-7.4		237.6		+1885	-2101	253,609	2,659,837
454	3149		189° 01' (312° 50')		7.8	-	+0.2	-7.6		237.8		+2141	-2309	253,865	2,659,629
455	3477		189° 37' (313° 26')		7.8	-	+0.2	-7.6		237.8		+2390	-2525	254,114	2,659,413
456	3804		190° 17' (314° 06')		8.0	-	+0.3	-7.7		237.9		+2647	-2732	254,371	2,659,206
457	4131		190° 56' (314° 45')		8.8	-	+0.4	-8.4		238.6		+2908	-2934	254,632	2,659,004
458	4459		191° 22' (315° 11')		8.6	-	+0.4	-8.2		238.4		+3163	-3143	254,887	2,649,795
459	4787		191° 42' (315° 31')		9.0	-	+0.5	-8.5		238.7		+3415	-3354	255,139	2,649,584
460	5118		191° 54' 00"		9.7	-	+0.5	-9.2		239.0	TP	+3664	-3573	255,388	2,649,365
460	5118		(315° 43' 11")		9.0	270° -	+0.5	-8.5			TP				
444			0° 00' 00"												
460	0				+5.15	Hi		+5.2		233.8	π	0	0	255,388	2,649,365
461	330		188° 03' (323° 46')		5.7	-		-5.7		239.5		+266	-195	255,654	2,649,120
462	660		189° 14' (324° 57')		5.9	-		-5.9		239.7		+540	-379	255,928	2,648,986
463	990		190° 36' (326° 19')		5.9	-		-5.9		239.7		+824	-349	256,212	2,648,816
464	1317		190° 11' (325° 54')		6.0	-		-6.0		239.8		+1091	-738	256,479	2,648,627
465	1642		188° 03' (323° 46')		5.9	-	+0.1	-5.8		239.6		+1324	-971	256,712	2,648,394
466	1972		187° 33' (323° 16')		5.9	-	+0.1	-5.8		239.6		+1640	-1095	257,028	2,648,270
467	2299		186° 36' (322° 19')		6.2	-	+0.1	-6.1		239.9		+1819	-1405	257,207	2,648,060

## SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE						
2-9-83		B. Cotcamp		D. Hamilton		6834		JR		11	35						
AREA		TOPO MAP		STATE		COUNTY		TWP	RANGE	PPM	PARTY MANAGER						
Depth Valley		Bennetts Well - 15'		CALIF.		Inyo					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		
			(Plates → 9210														
468	2626		185° 33' (321° 16')		7.8	-	+0.1	-7.7		241.5		+2099	1643	257,436	2,647,722		
469	2951		124° 28' 08"		7.7	-	+0.2	-7.5		241.1	TP	+2267	1889	257,655	2,647,476		
469	2951		(320° 11' 19")		7.4	270°	+0.2	-7.2			TP						
460			0° 00' 00"														
469	0				+5.05	4i		+5.1		236.0	X	0	0	257,655	2,647,476		
470	330		159° 03' (297° 14')		5.6	-		-5.6		241.6		+161	288	257,816	2,647,188		
471	660		" " " "		5.0	-		-5.0		241.0		+322	576	257,977	2,646,900		
472	990		157° 53' (298° 04')		4.7	-		-4.7		240.7		+466	874	258,121	2,646,602		
473	1316		159° 50' (300° 01')		5.2	-		-5.2		241.2		+658	1140	258,313	2,646,336		
474	1637		162° 46' (302° 57')		7.0	-	+0.1	-6.9		242.9		+890	1374	258,545	2,646,102		
475	1958		163° 38' (303° 49')		7.2	-	+0.1	-7.1		243.1		+1090	1627	258,745	2,645,849		
476	2272		160° 56' (301° 07')		6.6	-	+0.1	-6.5		242.5		+1174	1945	258,827	2,645,531		
477	2591		158° 53' (299° 04')		6.1	-	+0.1	-6.0		242.0		+1259	2265	258,914	2,645,211		
478	2914		157° 26' (297° 37')		6.0	-	+0.2	-5.8		241.8		+1351	2582	259,006	2,644,894		
479	3242		156° 54' 40"		5.8	-	+0.2	-5.6		241.3	TP	+1477	2886	259,132	2,644,590		
479	3242		(297° 05' 09")		5.3	270°	+0.2	-5.1			TP						
469			0° 00' 00"														
479	0				+5.15	4i		+5.2		236.1	X	0	0	259,132	2,644,590		

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2.9.83		B. Cottramp		D. Hamilton		6834		A.H. O'H		11		36			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Death Valley		Bennetts Well-15'		CALIF.		INYO								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
			PLATS → (grid)						-236.1						
480	330		175° 46' (292° 52')		4.8	-		-4.8	-240.9			+128	-304	259,260	2,644,286
481	658		179° 57' (297° 03')		7.8	TH	+3.3	-4.5	-240.6			+299	-586	259,431	2,644,004
482	988		179° 10' (296° 16')		4.9	-		-4.9	-241.0			+437	-886	259,569	2,643,704
483	1317		180° 31' (297° 31')		11.7	TH	+6.6	-5.1	-241.2			+611	-1167	259,743	2,643,423
Δ	1353		182° 08' 21" (299° 14' 20")		4.9	-		-4.9	-241.0		Δ	+661	-1181	259,793	2,643,409
484	1646		180° 13' (297° 19')		6.8	89° 56'	+2.0	-4.8	-240.9			+755	-1463	259,887	2,643,127
485	1971		181° 16' (298° 22')		7.0	89° 56'	+2.4	-4.6	-240.7			+936	-1734	260,068	2,642,856
486	2281		184° 16' (301° 22')		8.9	89° 56'	+2.8	-6.1	-242.2			+1187	-1948	260,319	2,642,642
487	2606		186° 16' (303° 22')		10.0	89° 56'	+3.2	-6.8	-242.9			+1430	-2171	260,562	2,642,419
488	2921		187° 48' (304° 54')		10.4	89° 56'	+3.6	-6.8	-242.9			+1471	-2396	260,803	2,642,194
489	3252		188° 09' 02"		6.7	-	+0.2	-6.5	-242.4		TP	+1877	-2656	261,010	2,641,938
489	3252		(305° 15' 01')		6.3	270°	+0.2	-6.1			TP	"	"		
															Across Sta.
479			0° 00' 00"												
489	0				+4.95	H.		+5.0			X	0	0	261,010	2,641,938
490	333		200° 47' (316° 02')		7.4	-		-7.4	-244.8			+276	-186	261,286	2,641,152
491	663		" " "		8.7	-		-8.7	-246.1			+550	-370	261,560	2,641,568
492	993		" " "		9.3	-		-9.3	-246.7			+824	-555	261,834	2,641,383
493	1323		" " "		9.3	-		-9.3	-246.7			+1097	-739	262,107	2,641,199

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE					
2.10.83		B. Cotcamp		D. Hamilton		6834		Dith Off		11	37					
AREA		TOPO MAP		STATE	COUNTY	TWP	RANGE	PPM	PARTY MANAGER							
Dart Valley		Bureau's well-15'		CALIF.	Inyo				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	
			PLAINS → (3R10)						237.4							
494	1652		201° 17' (326° 32')		9.8	-	+0.1	-9.7		247.1		+1378	-911	262,388	2,641,027	
495	1979		202° 42' (327° 57')		9.7	-	+0.1	-9.6		247.0		+1677	-1050	262,687	2,640,888	
496	2307		203° 18' (328° 33')		9.8	-	+0.1	-9.7		247.1		+1968	-1204	262,978	2,640,734	
497	2636		202° 40' (327° 55')		9.2	-	+0.1	-9.1		246.5		+2233	-1400	263,243	2,640,538	
498	2960		203° 50' (329° 05')		9.9	-	+0.2	-9.7		247.1		+2539	-1521	263,549	2,640,417	
TP	3135		204° 33' 12"		9.1	-	+0.2	-8.9		246.1	TP	+2710	-1577	263,721	2,640,365	
TP	3135		(327° 46' 12")		8.7	270°	+0.2	-8.5	-8.7		TP		"			
489			0° 00' 00"													
TP	0				+4.9	Hi		+4.9	241.2		π	0	0	263,721	2,640,365	
499	156		210° 56' (00° 44')		5.9	-		-5.9		247.1		+156	+2	262,877	2,640,367	
Bm	293		211° 44' (1° 32')		3.8	-		-3.8		245.0	Bm	+293	+8	264,014	2,640,373	G-881 1943 KASGS. Bm EL. -2440
500	482		200° 36' (350° 24')		6.5	-		-6.5		247.7		+475	-80	264,196	2,640,285	
501	810		196° 36' (346° 24')		5.3	-		-5.3		246.5		+787	-190	264,508	2,640,175	
502	1138		195° 46' (345° 34')		6.2	-		-6.2		247.4		+1102	-284	264,823	2,640,081	
503	1463		197° 48' (347° 36')		6.7	-		-6.7		247.9		+1429	-314	265,150	2,640,051	
504	1792		197° 45' (347° 33')		7.0	-	+0.1	-6.9		248.1		+1750	-386	265,471	2,639,779	
505	2115		196° 04' (345° 52')		6.8	-	+0.1	-6.7		247.9		+2051	-516	265,772	2,639,849	
506	2436		197° 46' (347° 34')		8.1	-	+0.1	-8.0		249.2		+2379	-524	266,100	2,639,841	

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-10-83		B. Cotcamp		D. Hamilton		6834		D.H. <i>OK</i>		11		38			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Death Valley		Bennetts Well-15'		CALIF.		Inyo								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
			PLATES → (GRID)						241.2						
507	2765		198° 21' (348° 09')		8.1	-	+0.2	-7.9		249.1		+2706	-568	266,427	2,639,197
508	3094		198° 11' (347° 59')		8.3	-	+0.2	-8.1		249.3		+3026	-644	266,747	2,639,721
509	3424		198° 06' (347° 54')		7.7	-	+0.2	-7.5		248.7		+3348	-718	267,069	2,639,647
510	3749		198° 57' 17"		3.6	-	+0.3	-3.3		244.3	TP	+3677	-731	267,399	2,639,638
510	3749		(348° 45' 30')		3.3	270°	+0.3	-3.0	-3.1		TP	"	"		
TP			0° 00' 00"												
510	0				+4.95	Hi.		+5.0	-3.1	239.3	X	0	0	267,399	2,639,638
511	330		183° 33' (352° 11')		9.7	-		-9.7		249.0		+327	-44	267,726	2,639,594
512	660		185° 25' (354° 11')		10.2	-		-10.2		249.5		+657	-67	268,056	2,639,571
513	990		" " " "		9.8	-		-9.8		249.1		+985	-100	268,384	2,639,538
514	1318		186° 02' (354° 48')		9.7	-		-9.7		249.0		+1313	-119	268,712	2,639,519
515	1646		186° 34' (355° 20')		9.8	-	+0.1	-9.7		249.0		+1641	-134	269,040	2,639,504
516	1959		183° 29' (352° 15')		8.0	-	+0.1	-7.9		247.2		+1941	-264	269,340	2,639,374
517	2282		182° 14' (351° 00')		7.1	-	+0.1	-7.0		246.3		+2254	-357	269,653	2,639,281
518	2606		183° 36' (352° 22')		6.9	-	+0.1	-6.8		246.1		+2583	-346	269,982	2,639,292
519	2933		184° 36' (353° 22')		8.8	-	+0.2	-8.6		247.9		+2913	-339	270,312	2,639,299
520	3259		185° 32' (354° 18')		9.8	-	+0.2	-9.6		248.9		+3243	-324	270,642	2,639,314

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE					
2.10.83		B. Cotcamp		O. Hamilton		6834		D.P. Orr		11	59					
AREA		TOPO MAP	STATE	COUNTY		TWP	RANGE	PPM	PARTY MANAGER							
Death Valley		Bennetts Well-16'	CALIF.	Inyo					L. Davis							
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION INSTRUMENT	ELEVATION OF STATION	BS X TP	NORTH + SOUTH - LAT.	EAST + WEST - DEP.	COORDINATES		REMARKS	
													Y	X		
			PLATES → 9210						239.3							
521	3588		185° 53' 49"		9.0	-	+0.3	-8.7	-247.8	TP	+3572	-334	270,972	2,639,308		
521	3588		(354° 39' 19")		8.6	270°	+0.3	-8.3		TP	"	"			"	
510			0° 00' 00"													
521	0				+4.8	Hi		+4.8	-243.0	X	0	0	270,972	2,639,308		
522	330		166° 05' (340° 44')		6.2	-		-6.2	-249.2		+312	-109	271,284	2,639,199		
523	657		170° 18' (344° 57')		7.1	-		-7.1	-250.1		+634	-171	271,606	2,639,137		
524	980		174° 59' (349° 38')		8.2	-		-8.2	-251.2		+964	-176	271,936	2,639,132		
525	1300		179° 04' (353° 43')		9.0	-		-9.0	-252.0		+1292	-142	272,264	2,639,166		
526	1629		179° 57' (354° 56')		9.1	-	+0.1	-9.0	-252.0		+1622	-153	272,594	2,639,155		
527	1958		180° 02' (354° 41')		10.3	-	+0.1	-10.2	-253.2		+1950	-181	272,922	2,639,127		
528	2287		179° 23' (354° 02')		9.7	-	+0.1	-9.6	-252.6		+2275	-238	273,247	2,639,020		
529	2615		178° 32' (353° 11')		10.0	-	+0.1	-9.9	-252.9		+2597	-310	273,569	2,638,998		
530	2917		176° 00' (350° 39')		7.9	-	+0.2	-7.7	-250.7		+2878	-474	273,850	2,638,839		
531	3228		174° 22' (349° 01')		4.9	-	+0.2	-4.7	-247.7		+3169	-615	274,141	2,638,693		
Bm	3278		175° 21' 20" (350° 00' 39")		4.0	-	+0.2	-3.8	-246.8	Bm	+3228	-569	274,200	2,638,739	6-681 1943 4.52+6.5 Bm etc. -246.8	
TP	3443		174° 59' 05"		6.6	89° 58'	+2.2	-4.4	-247.0	TP	+3387	-619	274,359	2,638,693		
TP	3443		(349° 38' 24')		5.9	270° 02'	+2.2	-3.7		TP	"	"			"	

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE		
2-10-83		B. Cotcamp		D. Hamilton		6834		BC		11		40		
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PARTY MANAGER		
Drift Valley		Benwets Well-15'		CALIF.		Inyo						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.	
521			PLATES 2(92.0)							247.0				
TP	0		0 00 00		+5.0	Hi		+5.0	242.0		X	0	0	274,359 2,638,673
532	120		216° 55' (26° 33')		6.3	-		-6.3		248.3		+107	+54	274,466 2,638,747
533	445		202° 42' (12° 20')		9.7	-		-9.7		251.7		+435	+95	274,794 2,638,788
534	769		196° 34' (6° 12')		10.5	-		-10.5		252.5		+765	+83	275,124 2,638,776
535	1093		192° 41' (2° 19')		10.8	-		-10.8		252.8		+1092	+44	275,451 2,638,737
536	1416		189° 33' (39° 11')		10.9	-		-10.9		252.9		+1416	-20	275,775 2,638,673
537	1742		187° 42' (357° 20')		10.9	-	+0.1	-10.8		252.8		+1740	-81	276,099 2,638,612
538	2071		187° 59' (357° 37')		11.4	-	+0.1	-11.3		253.3		+2069	-86	276,428 2,638,607
539	2401		188° 05' (357° 43')		11.9	-	+0.1	-11.8		253.8		+2399	-96	276,758 2,638,597
540	2730		187° 35' 07"		11.2	-	+0.2	-11.0		252.7	TP	+2727	-132	277,086 2,638,565
540	2730		(357° 13' 31")		10.7	270°	+0.2	-10.5			TP			
TP			0 00 00											
540	0		0 00 00		+5.05	Hi		+5.1	247.6		X	0	0	277,086 2,638,565
541	330		170° 03' (217° 17')		4.9	-		-4.9		252.5		+322	-73	277,409 2,638,492
542	660		167° 27' (214° 41')		5.2	-		-5.2		252.8		+637	-174	277,723 2,638,391
543	989		166° 45' (213° 59')		5.6	-		-5.6		253.2		+951	-273	278,037 2,638,292
544	1319		167° 01' (211° 21')		6.5	-		-6.5		254.1		+1270	-356	278,356 2,638,209

## SURVEY NOTES-HIGH RESOLUTION DATA

GEO-443

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE					
2-10-83		B. Cotcamp		D. Hamilton		6834		BC		11	41					
AREA		TOPO MAP		STATE	COUNTY	TWP	RANGE	PPM	PARTY MANAGER							
Depth Valley		Bennets Well - 15'		CALIF.	Inyo				L. Davis							
STATION NO.	▲ SLOPE DISTANCE	▲ PLOTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFER- ENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	NORTH + SOUTH - LAT.	EAST + WEST - DEP.	COORDINATES		REMARKS
														Y	X	
			PLATES 2(9, 210)						247.6							
545	1649		167° 16' (344° 30')		5.8	-	+0.1	-5.7		253.3		+1589	-441	279,675	2,638,124	
546	1978		166° 50' (344° 04')		6.2	-	+0.1	-6.1		253.7		+1902	-543	279,988	2,638,022	
547	2307		166° 29' (343° 43')		6.0	-	+0.1	-5.9		253.5		+2214	-647	279,300	2,637,918	
Bm	2356		168° 01' 20" (345° 15' 51")		5.6	-	+0.1	-5.5		253.1	Bm	+2278	-600	279,304	2,637,965	0-681 1943 4.5 (+6.5 Bm 02-252)
548	2637		166° 19' 06"		5.4	-	+0.1	-5.3		252.6	TP	+2529	-747	279,615	2,637,821	
548	2637		(345° 32' 37")		4.8	270°	+0.1	-4.7			TP					
540			0° 00' 00"													
548	0				+5.0	H.		+5.0	247.6		X	0	0	279,615	2,637,821	
549	330		177° 53' (341° 26')		6.2	-		-6.2		253.8		+313	-105	279,928	2,637,716	
550	660		" " " "		7.0	-		-7.0		254.6		+626	-210	280,241	2,637,611	
551	971		170° 09' (333° 42')		5.1	-		-5.1		252.7		+870	-430	280,495	2,637,391	
552	1277		163° 45' (327° 18')		8.0	89° 40'	+7.5	-0.5		248.1		+1075	-690	280,690	2,637,131	
553	1595		160° 13' (323° 46')		5.0	89° 40'	+9.3	+4.3		243.3		+1287	-943	290,902	2,636,878	
554	1920		161° 12' (324° 45')		7.8	89° 40'	+11.2	+3.4		244.2		+1568	-1108	281,183	2,636,713	
555	2244		162° 56' 56"		11.7	89° 30'	+13.2	+1.5		245.9	TP	+1871	-1239	281,486	2,636,585	
555	2244		(326° 28' 33")		11.4	270° 20'	+13.2	+1.8			TP					

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-14-83		B. Cotcamp		D. Hamilton		6884		B.C.		11		42			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Death Valley		Bennetts Well - 15'		CALIF.		Inyo								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
548			PLATES → (92.0)							245.9					
555	0		0 00 00		+ 5.25	H.		+ 5.3	240.6		X	0	0	281,486 2,636,585	
556	330		191° 57' (338° 26')		7.3	90° 10'	-1.0	-8.3		248.9		+307	-121	281,793 2,636,464	
557	660		" " " "		6.1	-		-6.1		246.7		+614	-243	282,100 2,636,342	
558	990		" " " "		5.8	-		-5.8		246.4		+921	-364	282,407 2,636,220	
559	1306		196° 25' (342° 54')		4.1	-		-4.1		244.7		+1248	-384	282,734 2,636,201	
560	1620		200° 25' (346° 54')		5.0	-	+0.1	-4.9		245.5		+1578	-367	283,064 2,636,218	
561	1936		203° 29' (349° 58')		8.3	89° 52'	+4.6	-3.7		244.3		+1906	-337	283,392 2,636,248	
562	2234		207° 23' (353° 52')		12.1	89° 42'	+5.3	-6.8		247.4		+2221	-239	283,707 2,636,346	
563	2525		210° 53' (357° 22')		11.1	-	+0.1	-11.0		251.6		+2522	-116	284,008 2,636,469	
Bm	2627		210° 53' 41" (357° 22' 14")		8.9	-	+0.1	-8.8		249.4	Bm	+2624	-121	284,110 2,636,469 c-6811995 USC+GS Bm EL.-248	
564	2833		213° 41' (00° 10')		11.9	-	+0.2	-11.7		252.3		+2833	+8	284,319 2,636,593	
565	3146		215° 41' (2° 10')		12.0	-	+0.2	-11.8		252.4		+3144	+119	284,630 2,636,704	
566	3474		216° 13' (2° 42')		11.0	-	+0.2	-10.8		251.4		+3470	+164	284,956 2,636,749	
567	3803		216° 32' (3° 01')		11.3	-	+0.3	-11.0		251.6		+3798	+200	285,244 2,636,785	
568	4132		216° 13' (2° 41')		10.2	-	+0.4	-9.8		250.4		+4127	+193	285,613 2,636,778	
569	4460		216° 44' (3° 13')		11.4	-	+0.4	-11.0		251.6		+4453	+250	285,939 2,636,835	
570	4788		216° 31' (3° 08')		11.1	-	+0.5	-10.6		251.2		+4781	+262	286,267 2,636,847	
571	5104		215° 33' (2° 02')		10.0	-	+0.5	-9.5		250.1		+5101	+181	286,587 2,636,766	

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE				
2-14-83		B. Cottramp		D. Hamilton		6834		OK B.C.		11	43				
AREA		TOPO MAP		STATE		COUNTY		TWP	RANGE	PPM	PARTY MANAGER				
Depth Valley		Bennefs Well - 15'		CALIF.		IMYO					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
			PLAINS → (GRID)						240.6						
TP <sub>1</sub>	5241		218° 20' 12"		8.9	-	+0.6	-8.3	}	-248.7	TP	+5238	+166	286,724	2,636,754
TP <sub>1</sub>	5241		(1° 48' 45")		8.6	20'	+0.6	-8.0		-1'	TP				
			0° 00' 00"												
TP <sub>2</sub>	0				+5.15	4i		+5.2	}	243.5	π	0	0	286,729	2,636,754
572	193		176° 23' (358° 12')		4.8	-		-4.8			248.3		+193	-6	286,917
573	520		170° 08' (351° 57')		4.9	89° 50'	+1.5	-3.4		246.9		+515	-73	287,239	2,636,681
574	849		167° 39' (347° 28')		7.9	89° 40'	+5.0	-2.9		246.4		+835	-155	287,559	2,636,599
575	1179		167° 19' (347° 08')		8.2	89° 40'	+6.9	-1.3		244.8		+1158	-222	287,882	2,636,532
576	1509		" " " "		8.3	89° 40'	+8.8	+0.5		243.0		+1482	-284	288,206	2,636,470
577	1822		170° 23' (352° 12')		11.0	89° 40'	+10.7	-0.3		243.8		+1805	-247	288,529	2,636,507
578	2124		174° 15' (356° 04')		8.7	89° 50'	+6.3	-2.4		245.9		+2119	-146	288,843	2,636,608
579	2435		177° 02' (358° 51')		10.8	89° 50'	+7.2	-3.6		247.1		+2435	-49	289,159	2,636,705
TP <sub>2</sub>	2619		178° 30' 55"		7.1	89° 56'	+3.2	-3.9	}	-247.2	TP	+2619	+15	289,343	2,636,774
TP <sub>1</sub>	2619		(100° 19' 40")		6.8	170° 04'	+3.2	-3.6		-3.7'	TP			15'	
			0° 00' 00"												
TP <sub>2</sub>	0				+5.2	4i		+5.2	}	242.0	π	0	0	289,393	2,636,774
Δ	192		282° 14' 11" (102° 33' 51")		6.2	-		-6.2			248.2	Δ	-42	+187	289,301

CONNECTED TO D. Hamilton  
 @ this point  
 180° 26' 03"  
 1-281,301 X-2,636,961  
 PEARL U.S.G.S Δ

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE						
2-14-83		B. Cotcamp		D. Hamilton		6824		B.C.		11	44						
AREA		TOPO MAP		STATE	COUNTY	TWP	RANGE	PPM	PARTY MANAGER								
Death Valley		Bennetts Well-15'		CALIF.	Inyo				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		
			PLANS 4 (92.0)						-242.0								
580	135		200° 02' (20° 28')		6.1	-		-6.1		-248.1		+176	+47	292,469	2,636,821		
581	465		" " " "		8.0	-		-8.0		-250.0		+436	+163	292,779	2,636,937		
582	795		" " " "		9.8	-		-9.8		-251.8		+745	+278	290,088	2,637,052		
583	1122		197° 03' (17° 29')		10.9	-		-10.9		-252.9		+1070	+337	290,413	2,637,111		
584	1449		194° 59' (15° 25')		12.5	-		-12.5		-254.5		+1397	+385	290,740	2,637,159		
585	1777		194° 00' 45"		8.4	90° 10'	-5.1	-13.5		-255.4	TP	+1721	+443	291,065	2,637,218		
585	1777		(14° 26' 48")		8.2	269° 00'	-5.1	-13.3	-13.4		TP	+1	+1				
TP <sub>2</sub>			0° 00' 00"														
585	0				+4.8	4'		+4.8	-250.6		TP	0	0	291,065	2,637,218		
586	330		162° 15' (356° 42')		5.0	-		-5.0		-255.6		+329	-19	291,399	2,637,199		
587	659		160° 16' (354° 43')		5.0	-		-5.0		-255.6		+656	-61	291,721	2,637,157		
588	989		159° 10' (353° 37')		4.7	-		-4.7		-255.3		+983	-110	292,048	2,637,108		
589	1319		157° 57' (352° 24')		5.4	89° 54'	+2.3	-3.1		-253.7		+1307	-174	292,272	2,637,044		
590	1646		156° 29' (351° 06')		6.8	89° 54'	+2.9	-3.9		-254.5		+1626	-255	292,691	2,636,963		
591	1976		156° 14' (350° 41')		8.0	89° 54'	+3.5	-4.5		-255.1		+1950	-320	293,015	2,636,898		
592	2305		155° 42' (350° 09')		8.2	89° 54'	+4.1	-4.1		-254.7		+2271	-394	293,336	2,636,824		
TP	2307		155° 56' 53"		6.1	89° 54'	+4.1	-2.0			TP	+2275	-385	293,341	2,636,834		
TP	2307		(350° 23' 41")		6.0	89° 06'	+4.1	-1.9		-252.5	TP	+1	+1				

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE			
2-15-83		B. Cotcamp		D. Hamilton		6834		B.C.		11	45			
AREA		TOPO MAP	STATE	COUNTY		TWP	RANGE	PPM	PARTY MANAGER					
Death Valley		Bennets Well - 15'	CALIF.	Inyo					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.	
585			Plates 7 (9R10)							-252.5				
TP	0		0 00 00		+4.95	4'		+5.0	-247.5		X	0	0	293,341 2,636,834
593	329		174° 52' (345° 16')		8.6	-		-8.6	-256.1			+318	-84	293,659 2,636,750
594	658		171° 43' (342° 07')		8.9	-		-8.9	-256.4			+644	-136	293,985 2,636,698
595	988		178° 23' (342° 47')		8.6	-		-8.6	-256.1			+969	-192	294,310 2,636,642
Bm	1299		180° 21' 54" (350° 51' 55")		6.6	-		-6.6	-254.1		Bm	+1283	-206	294,624 2,636,628 A-CST 1943 S.C+G.S Bm el. -244
596	1318		178° 48' (349° 12')		7.8	-		-7.8	-255.3			+1295	-241	294,636 2,636,587
597	1647		179° 42' (350° 06')		6.2	-	+0.1	-6.1	-253.6			+1622	-283	294,963 2,636,551
598	1976		179° 18' (349° 42')		8.1	89° 54'	+3.5	-4.6	-252.1			+1944	-353	295,285 2,636,481
599	2302		177° 58' (342° 22')		7.2	89° 54'	+4.1	-3.1	-250.6			+2255	-464	295,596 2,636,370
600	2630		176° 55' (347° 19')		6.1	89° 54'	+4.7	-1.4	-248.9			+2566	-577	295,907 2,636,257
601	2959		176° 40' (347° 04')		6.0	89° 54'	+5.3	-0.7	-248.2			+2884	-662	296,225 2,636,212
602	3289		176° 22' 55"		9.0	89° 52'	+7.9	-1.1				+3204	-743	296,545 2,636,091
602	3289		(346° 56' 36")		8.9	270° 08'	+7.9	-1.0		-248.5	TP			
TP			0 00 00											
602	0				+5.1	4'		+5.1	-243.4		X	0	0	296,545 2,636,091
603	320		169° 17' (336° 14')		4.8	-		-4.8	-248.2			+302	-133	296,847 2,635,958
604	659		166° 55' (333° 52')		7.7	TH	+3.3	-4.4	-247.8			+592	-290	297,137 2,635,801

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE				
2-15-83		B. Cotcamp		D. Hamilton		6834		D. H. [Signature]		11		46				
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER		
Death Valley		Benmets Well - 15'		CALIF.		INYO								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	
			PLATES → 9210						-243.4							
605	981		162° 02' (328° 59')		7.3	89° 40'	+5.7	-1.6		-245.0		+841	-506	297,386	2,635,585	
606	1305		158° 37' (325° 34')		6.8	89° 40'	+7.6	+0.8		-242.6		+1076	-738	297,621	2,635,353	
607	1631		156° 40' (323° 37')		9.6	89° 30'	+14.3	+4.7		-238.7		+1313	-967	297,858	2,635,124	
608	1758		155° 27' (322° 24')		9.0	89° 30'	+17.2	+8.2		-235.2		+1551	-1195	298,096	2,634,896	
609	2287		154° 36' (321° 33')		10.2	89° 30'	+20.1	+9.9		-233.5		+1771	-1422	298,336	2,634,669	
610	2616		153° 54' (320° 51')		8.2	89° 30'	+23.0	+14.8		-228.6		+2029	-1652	298,574	2,634,439	
TP	2842		153° 28' 17"		6.3	89° 30'	+25.0	+18.7			TP	+2190	-1811	298,735	2,634,280	
TP	2842		(320° 24' 53")		6.2	220° 30'	+25.0	+18.8		-224.6	TP					
602			0° 00' 00"													
TP	0				+5.05	41		+5.1		-219.5	TP	0	0	298,735	2,634,280	
Bm	86		61° 49' 27" (202° 14' 20")		2.1	-		-2.1		-221.6	Bm	-80	-33	298,655	2,634,247	4.5.C + 6.5 Bm EL. - 221
611	111		213° 41' (354° 06')		7.8	-		-7.8		-227.3		+110	-11	298,845	2,634,269	
612	439		206° 56' (347° 21')		11.4	-		-11.4		-230.9		+428	-96	299,163	2,634,184	
613	770		206° 27' (346° 52')		10.2	-		-10.2		-229.7		+750	-175	299,485	2,634,105	
614	1099		206° 01' (346° 26')		12.6	-		-12.6		-232.1		+1068	-258	299,803	2,634,022	
615	1429		205° 36' (346° 01')		10.3	90° 10'	-4.1	-14.4		-233.9		+1387	-345	300,122	2,633,935	
616	1752		203° 36' (344° 01')		10.0	90° 10'	-5.0	-15.0		-234.5		+1684	-482	300,419	2,633,798	
617	2059		199° 58' (340° 23')		5.9	90° 10'	-5.9	-11.8		-231.3		+1940	-691	300,675	2,633,589	

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY			LINE NO.		PAGE		
2-16-83		B. Cotcamp		D. Hamilton		6834		D.H.			11		47		
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Death Valley		Bennets Well-15'		CALIF.		Inyo								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
			PLAINS GRID						-219.5						
618	2371		197° 09' (327° 34')		10.0	90° 02'	-1.3	-11.3		-230.8		+2192	-905	300,927	2,633,375
619	2683		194° 43' 23"		9.1	-	+0.1	-9.0		-228.3	TP	+2434	-1128	301,169	2,633,152
619	2683		(335° 08' 16")		8.8	270°	+0.1	-8.7			TP				
TP			0° 00' 00"												
619	0			+5.25	Mi			+5.3	-223.0		X	0	0	301,169	2,633,152
620	330		166° 27' (321° 35')		6.1	-	-	-6.1		-229.1		+259	-205	301,428	2,632,947
621	660		166° 13' (321° 21')		12.0	-	-	-12.0		-235.0		+515	-412	301,684	2,632,740
622	982		170° 59' (326° 07')		12.0	90° 14'	-4.0	-16.0		-239.0		+815	-547	301,984	2,632,605
623	1309		173° 08' (328° 16')		9.6	-	-	-9.6		-232.6		+1113	-688	302,282	2,633,964
624	1621		177° 06' (332° 14')		7.1	-	+0.1	-7.0		-230.0		+1434	-755	302,603	2,632,397
625	1914		181° 59' (337° 07')		9.7	-	+0.1	-9.6		-232.6		+1763	-744	302,932	2,632,408
626	2219		185° 29' (340° 37')		11.4	-	+0.1	-11.3		-234.3		+2093	-736	303,262	2,632,416
627	2533		187° 55' (343° 03')		8.1	-	+0.1	-8.0		-231.0		+2423	-738	303,592	2,632,414
628	2852		189° 42' (344° 50')		9.9	-	+0.2	-9.7		-232.7		+2753	-746	303,922	2,632,406
629	3174		191° 10' (346° 18')		7.8	-	+0.2	-7.6		-230.6		+3084	-752	304,253	2,632,400
630	3500		191° 48' (346° 56')		10.8	-	+0.3	-10.5		-233.5		+3409	-791	304,578	2,632,361
631	3830		191° 49' (346° 52')		10.8	-	+0.3	-10.5		-233.5		+3730	-870	304,899	2,632,282
632	4159		191° 30' (346° 44')		11.1	-	+0.4	-10.7		-233.7		+4048	-954	305,217	2,632,198

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE		
2.16.83		B. Cotcamp		D. Hamilton		6834		B.C.		11		48		
AREA		TOPO MAP		STATE		COUNTY		RANGE		PPM		PARTY MANAGER		
Depth Valley		Burnetts Well-15'		CA. Calif.		Inyo						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.	
			PLATS 9 GRID						-223.0					
633	4491		191° 33' 16"		11.4	-	+0.4	-11.0		-233.6	TP	+4370	-1034	305,539 2,632,118
633	4491		(346° 41' 32")		10.7	270°	+0.4	-10.3			TP			
619			0° 00' 00"											
633	0			+5.35	H.			+5.4		-228.2	TP	0	0	305,539 2,632,118
634	330		181° 00' (347° 42')		6.9	-		-6.9		-235.1		+322	-70	305,861 2,632,048
635	660		" " " "		10.4	04	-3.3	-13.7		-241.9		+645	-141	306,184 2,631,977
636	990		" " " "		10.3	-		-10.3		-238.5		+967	-211	306,506 2,631,907
637	1320		181° 16' (347° 58')		11.0	-		-11.0		-239.2		+1291	-275	306,830 2,631,843
638	1648		181° 38' (348° 20')		12.0	-	+0.1	-11.9		-240.1		+1614	-333	307,153 2,631,785
639	1978		182° 02' (348° 44')		9.0	90° 10'	-5.7	-14.7		-242.9		+1940	-386	307,479 2,631,732
640	2308		182° 17' (348° 59')		9.7	90° 16'	-10.6	-20.3		-248.5		+2265	-441	307,804 2,631,677
641	2638		182° 26' (349° 07')		9.7	90° 16'	-12.1	-21.8		-250.0		+2591	-498	308,130 2,631,620
TP	2869		181° 36' 54"		11.0	90° 16'	-13.2	-24.2		-252.2	TP	+2809	-581	308,348 2,631,537
TP	2869		(348° 18' 26")		10.7	269° 44'	-13.2	-23.9			TP			
633			0° 00' 00"											
TP	0			+5.05	H.			+5.1		-247.1	TP	0	0	308,348 2,631,537
642	95		164° 15' (332° 33')		4.6	-		-4.6		-251.7		+84	-44	308,432 2,631,493

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY			LINE NO.		PAGE		
2-16-83		B. Cotcamp		D. Hamilton		6834		B.C.			11		49		
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Death Valley		Bennets Well-15'		CALIF.		Inyo								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
			PLATES = (grid)						-247.1						
643	424		161° 03' (329° 21')		6.9	-		-6.9		-254.0		+365	-216	308,713	2,631,321
644	753		158° 35' (326° 53')		5.4	-		-5.4		-252.5		+631	-411	308,979	2,631,126
645	1080		156° 10' (324° 28')		10.1	89° 38'	+6.9	-3.2		-250.3		+879	-628	309,227	2,630,909
646	1406		153° 50' (322° 08')		7.3	-		-7.3		-254.4		+1110	-863	309,458	2,630,647
647	1733		152° 12' (320° 30')		6.3	-	+0.1	-6.2		-253.3		+1337	-1102	309,685	2,630,435
TP <sub>1</sub>	1841		150° 50' 69"		7.4	89° 50'	+5.4	-2.0			TP	+1393	-1204	309,741	2,630,333
TP <sub>1</sub>	1841		(319° 09' 25")		7.3	27° 10'	+5.4	-1.9		-249.0	TP				
TP			0° 00' 00"												
TP <sub>2</sub>	0				+5.1	41		+5.1		-243.9	X	0	0	309,741	2,630,333
648	220		183° 11' (322° 20')		9.3	-		-9.3		-253.2		+174	-134	309,915	2,630,199
649	548		177° 35' (316° 44')		9.1	-		-9.1		-253.0		+399	-376	310,140	2,629,957
650	875		173° 58' (313° 07')		10.6	-		-10.6		-254.5		+598	-639	310,339	2,629,694
651	1201		171° 04' (310° 13')		8.2	-		-8.2		-252.1		+775	-917	310,516	2,629,416
652	1529		169° 27' (308° 36')		5.7	-		-5.7		-249.6		+954	-1195	310,695	2,629,138
653	1857		168° 30' (307° 39')		8.8	89° 50'	+5.5	-3.3		-247.2		+1134	-1470	310,875	2,628,863
654	2186		167° 45' (306° 54')		7.2	89° 50'	+6.5	-0.7		-244.6		+1313	-1748	311,054	2,628,585
655	2515		167° 13' (306° 22')		6.2	89° 50'	+7.4	+1.2		-242.7		+1491	-2025	311,232	2,628,308
Δ	2770		165° 19' 40"		7.4	89° 46'	+11.4	+4.0		-239.9	Δ	+1568	-2283	311,309	2,628,050
			(304° 29' 05")												

## SURVEY NOTES - HIGH RESOLUTION DATA

GEO-448

## Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE				
2-16-83		B. Cotcamp		D. Hamilton		6834		AA B.C.		11	50				
AREA		TOPO MAP		STATE		COUNTY		TWP	RANGE	PPM	PARTY MANAGER				
Depth Valley		Benets Well - 15'		CALIF.		INYO					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
			PLATPS → (GRID)						-243.9						
656	2845		166° 44' 35"		9.6	89° 46'	+11.8	+2.2	-241.6	TP	+1668	-2305	311,408	2,628,029	
656	2845		(305° 54' 00")		9.3	270° N'	+11.8	+2.5							TP
TP			0° 00' 00"												
656	0				+5.1	H.		+5.1	-2365	π	0	0	311,408	2,628,029	
657	330		177° 25' (303° 19')		7.1	89° 30'	+2.9	-4.2							
658	660		" " " "		8.3	89° 30'	+5.8	-2.5	-239.0		+363	-552	311,771	2,627,478	
659	990		" " " "		12.0	89° 30'	+8.7	-3.3	-239.8		+544	-827	311,952	2,627,202	
660	1320		177° 21' 34"		13.6	89° 30'	+11.6	-2.0	-238.5	TP	+726	-1102	312,133	2,626,928	
660	1320		(303° 21' 34")		13.6	270° 30'	+11.6	-2.0							TP
656			0° 00' 00"												
660	0				+5.25	H.		+5.2	-233.3	π	0	0	312,133	2,626,928	
661	330		179° 47' (303° 09')		5.1	-		-5.1							
662	660		" " " "		4.8	-		-4.8	-238.1		+361	-553	312,494	2,626,325	
663	990		" " " "		3.1	-		-3.1	-236.4		+541	-829	312,674	2,626,099	
664	1305		184° 18' (307° 40')		7.7	89° 50'	+3.8	-3.9	-237.2		+797	-1033	312,930	2,625,895	
665	1603		189° 48' (313° 10')		19.8	89° 30'	+14.0	-5.8	-239.1		+1097	-1169	313,230	2,625,759	
666	1910		193° 51' (317° N')		20.0	89° 35'	+14.0	-6.0	-239.3		+1404	-1295	313,537	2,625,633	

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-16-83		B. Cotcamp		D. Hamilton		6834		BC		11		51			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Depth Valley		Bennetts Well-15'		CALIF.		Inyo								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
			PLATS → (GRID)						-233.3						
667	2185		198° 56' (212° 18')		20.0	89° 39'	+13.4	-6.6		-239.9		+1729	-1336	313,862	2,625,592
668	2383		205° 32' (328° 54')		20.0	89° 46'	+9.8	-10.2		-243.5		+2040	-1231	314,174	2,625,697
669	2590		211° 28' (334° 50')		10.1	-	+0.1	-10.0		-243.3		+2244	-1101	314,477	2,625,827
670	2815		216° 34' (339° 56')		11.4	-	+0.2	-11.2		-244.5		+2644	-966	314,777	2,625,962
671	3062		220° 50' (344° 12')		10.0	-	+0.2	-9.8		-243.1		+2946	-834	315,079	2,626,094
672	3326		224° 24' (347° 46')		9.9	-	+0.2	-9.7		-243.0		+3250	-705	315,384	2,626,223
673	3606		227° 17' (350° 39')		11.3	-	+0.3	-11.0		-244.3		+3658	-586	315,691	2,626,342
674	3926		228° 25' (351° 47')		7.8	-	+0.3	-7.5		-240.8		+3886	-561	316,019	2,626,367
675	4256		228° 23' (351° 45')		10.2	89° 54'	+7.8	-2.4		-235.7		+4212	-611	316,345	2,626,317
676	4586		228° 07' (351° 29')		9.2	89° 50'	+13.8	+4.6		-228.7		+4535	-679	316,668	2,626,249
TP	4863		226° 51' 58"		11.2	89° 44'	+23.1	+11.9		-221.2	TP	+4792	-826	316,924	2,626,103
TP	4863		(350° 13' 32")		10.7	270° 16'	+23.1	+12.4			TP	"	"		
660			0° 00' 00"												
TP	0				+5.15	H.		+5.1		-216.1	TP	0	0	316,924	2,626,103
677	111		242° 58' (53° 12')		8.0	-		-8.0		-224.1		+66	+89	316,971	2,626,192
678	422		218° 35' (28° 49')		7.3	-		-7.3		-223.4		+370	+203	317,294	2,626,307
679	752		218° 59' (29° 13')		9.2	-		-9.2		-225.3		+656	+367	317,580	2,626,470
680	1080		217° 45' (27° 59')		11.5	-		-11.5		-227.6		+954	+507	317,878	2,626,610

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE						
2-16-83		B. Catcamp		D. Hamilton		6834		AA B.C.		11	52						
AREA		TOPO MAP	STATE	COUNTY		TWP	RANGE	PPM	PARTY MANAGER								
Depth Valley		Bennett Well - 15'	CALIF.	Inyo					L. Davis								
STATION NO.	SLOPE DISTANCE	PLOT DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	NORTH +	EAST +	COORDINATES		REMARKS	
												SOUTH -	WEST -	Y	X		
			PLATES 9 (32.0)						-216.1								
681	1382		211° 22' (21° 30')		9.9	-	+0.0	-9.9		-226.0		+1285	+509	318,209	2,626,612		
TP <sub>1</sub>	1659		211° 37' 41"		8.2	-	+0.1	-8.1	}	-224.1	TP	+1540	+618	318,464	2,626,722		
TP <sub>2</sub>	1659		(21° 51' 13")		7.9	270°	+0.1	-7.8		-8.0				"	"		
TP	0		0° 00' 00"														
TP <sub>2</sub>	0				+ 5.05	Hi		+5.0	}	-219.1	X	0	0	318,464	2,626,722		
682	58		211° 23' (53° 14')		5.5	-	-5.5	-5.5				-224.6		+35	+46	318,499	2,626,768
683	388		268° 15' (50° 06')		10.1	90° 10'	-1.1	-11.2		-230.3		+249	+298	318,713	2,627,020		
684	716		210° 19' (52° 10')		8.8	90° 40'	-8.3	-17.1		-236.2		+439	+565	318,903	2,627,287		
685	1040		207° 41' (47° 22')		6.2	90° 48'	-14.5	-20.7		-239.8		+675	+791	319,139	2,627,513		
686	1353		202° 38' (44° 29')		7.9	90° 30'	-11.8	-19.7		-238.8		+965	+948	319,429	2,627,670		
687	1668		199° 00' (40° 51')		7.3	90° 30'	-14.5	-21.8		-240.9		+1262	+1091	319,726	2,627,813		
688	1988		196° 28' 54"		11.4	90° 20'	-11.5	-22.9	}	-241.9	TP	+1559	+1233	320,024	2,627,956		
688	1988		(138° 20' 07")		11.1	269° 40'	-11.5	-22.6		-22.8				"	"		
TP <sub>2</sub>			0° 00' 00"														
688	0				+ 5.25	Hi		+5.2	}	-236.7	X	0	0	320,024	2,627,956		
689	320		168° 44' (27° 04')		7.4	-	-7.4	-7.4				-244.1		+294	+150	320,317	2,628,106
690	660		" " " "		9.0	-	-9.0	-9.0		-245.7		+588	+300	320,611	2,628,256		

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE						
2-16-83		D. Cotcamp		D. Hamilton		6834		BC		11	53						
AREA		TOPO MAP	STATE	COUNTY		TWP	RANGE	PPM	PARTY MANAGER								
Death Valley		Bennetts Well-16	CALIF.	Inyo					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		
			PLATES → (GRID)							-236.7							
691	987		166° 04' (24° 24')		9.9	-		-9.9		-246.6		+899	+408	320,922	2,628,364		
692	1312		163° 25' (21° 45')		11.2	-		-11.2		-247.9		+1219	+486	321,242	2,628,442		
693	1636		160° 48' (19° 08')		11.0	-	+0.1	-10.9		-247.6		+1546	+536	321,569	2,628,492		
694	1956		158° 16' (16° 36')		7.9	-	+0.1	-7.8		-244.5		+1874	+559	321,898	2,628,515		
TP	2086		156° 22' 22"		10.2	89° 52'	+4.9	-5.3		-241.9	TP	+2018	+530	322,041	2,628,487		
TP	2086		(14° 42' 24")		9.9	270° 08'	+4.9	-5.0			TP						
			0° 00' 00"														
688																	
TP	0				+5.05	Hi		+5.0		-236.9	X	0	0	322,041	2,628,487		
695	193		179° 34' (14° 16')		8.9	-		-8.9		-245.8		+187	+48	322,228	2,628,594		
696	518		170° 25' (5° 07')		12.1	BH	-2.6	-14.7		-251.6		+516	+46	322,557	2,628,532		
697	845		166° 02' (0° 44')		12.3	-		-12.3		-249.2		+845	+11	322,886	2,628,498		
698	1175		164° 52' (359° 21')		8.6	BH	-5.9	-14.5		-251.4		+1175	-9	323,216	2,628,478		
699	1503		163° 57' (358° 39')		6.6	BH	-7.5	-14.1		-251.0		+1503	-35	323,544	2,628,451		
700	1831		165° 08' (359° 50')		9.8	90° 10'	-5.3	-15.1		-252.0		+1831	-5	323,872	2,628,481		
701	2161		" " " "		11.2	90° 10'	-6.2	-17.4		-254.3		+2161	-6	324,202	2,628,480		
702	2491		164° 55' (359° 40')		11.0	90° 10'	-7.1	-18.1		-255.0		+2491	-14	324,532	2,628,472		
703	2821		164° 36' (359° 18')		9.7	90° 10'	-8.0	-17.7		-254.6		+2821	-34	324,862	2,628,452		
Δ	2959		168° 28' 18"		12.6	90° 10'	-8.4	-21.0		-257.7	TP	+2954	+164	324,996	2,628,652		
Δ	2959		(3° 10' 47")		12.1	269° 50'	-8.4	-20.5			TP						

4-324,996 - X=2,628,652  
 DATE: 5/11/83  
 MAP: 1939 CORR. 5.0

## SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

## Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE				
2-17-83		B. Cotcamp		D. Hamilton		6834		B.C.		11		54				
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PARTY MANAGER				
Death Valley		Bennetts Well-15'		CALIF.		Inyo						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	X
TP			PLACES = (3R.0) 0° 00' 00"							-257.0						
A	0				4.55	—		+4.6	-252.4		T	0	0	324,996	2,628,652	R. ELEVATION OF GRANITE STAFF. DISTANCE MARKS U.S. C&G.S. EL. -257
704	324		122° 42' (305° 53')		7.4	89°	5.7	7.7	-254.1			+190	-263	325,186	2,628,389	
705 TP	569		138° 12' 55"		6.8	89° 20'	+6.6	-0.2	-252.6		TP	+445	-355	325,442	2,628,298	
TP	569		(321° 26' 18")		6.8	270° 40'	+6.6	-0.2			TP	+1	+1			
A			0° 00' 00"													
TP	0				+4.8	H.		+4.8	-247.8		T	0	0	325,442	2,628,298	
705	74		241° 01' (22° 27')		5.8	-		-5.8	-253.6			+68	+28	325,510	2,628,326	
706	396		216° 11' (357° 37')		7.0	-		-7.0	-254.8			+396	-16	325,838	2,628,282	
707	726		214° 06' (355° 32')		6.5	-		-6.5	-254.3			+724	-57	326,166	2,628,241	
708	1055		213° 36' (355° 02')		7.7	-		-7.7	-255.5			+1051	-91	326,493	2,628,207	
709	1381		211° 35' (353° 01')		7.8	-		-7.8	-255.6			+1371	-168	326,813	2,628,130	
710	1703		208° 48' (350° 14')		7.7	-	0.1	7.6	-255.4			+1678	-289	327,120	2,628,059	
711	2026		206° 46' (348° 12')		6.3	-	0.1	6.2	-254.0			+1983	-414	327,425	2,627,884	
712	2340		204° 10' (345° 36')		9.1	89° 26'	+2.8	6.3	-254.1			+2266	-582	327,708	2,627,716	
713	2643		201° 12' (342° 38')		7.9	89° 56'	+3.2	4.7	-252.5			+2523	-789	327,965	2,627,509	
TP	2931		201° 02' 56"		14.1	89° 48'	+10.4	-3.7	-251.3		TP	+2795	-882	328,238	2,627,417	BRUSH
TP	2931		(342° 29' 14")		13.7	280° 12'	+10.4	-3.3	-251.3		TP	+1	+1			

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE						
2-17-83		B. Cotcamp		D. Hamilton		6834		B.C.		11	55						
AREA		TOPO MAP	STATE	COUNTY		TWP	RANGE	PRM	PARTY MANAGER								
Depth Valley		Bennett's Well-15	CALIF.	Inyo					I. 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		
TP <sub>1</sub>			PLATON, (9R.0)														
TP <sub>2</sub>	0		0° 00' 00"							-251.3							
TP <sub>2</sub>	0			+5.15	H.			+5.2	-246.1		TP	0	0	328,238	2,627,417		
714	42		196° 07' (358° 26')		5.2	-		-5.2		-251.3		+42	-1	328,280	2,627,416		
715	371		188° 32' (351° 01')		5.8	-		-5.8		-251.9		+366	-58	328,604	2,627,359		
716	699		184° 36' (347° 05')		8.7	TH	+3.5	3.2		-251.3		+681	-156	328,919	2,627,261		
717	1024		180° 36' (343° 05')		7.8	89° 50'	+3.0	4.8		-250.9		+980	-298	329,218	2,627,119		
718	1344		176° 43' (339° 12')		8.1	89° 50'	+3.9	4.2		-250.3		+1256	-477	329,494	2,626,940		
TP <sub>3</sub>	1605		175° 57' 08"		9.1	89° 50'	+4.7	-4.4		-250.4	TP	+1493	-590	329,732	2,626,828		
TP <sub>3</sub>	1605		(338° 26' 22")		8.9	89° 10'	+4.7	-4.2	-4.3		TP	"	"				
TP <sub>2</sub>			0° 00' 00"														
TP <sub>3</sub>	0			+4.95	H.			+5.0	-245.4		TP	0	0	329,732	2,626,828		
719	73		209° 00' (2° 26')		6.0	-		-6.0		-251.4		+73	+3	329,805	2,626,831		
720	400		189° 51' (348° 17')		7.0	-		-7.0		-252.4		+392	-81	330,124	2,626,747		
721	728		187° 18' (345° 44')		8.6	-		-8.6		-254.0		+706	-179	330,438	2,626,649		
Bm	971		182° 14' 51" (340° 41' 13")		6.5	-		-6.5		-251.9	Bm	+916	-321	330,649	2,626,507	5680 1992 S.F. 65 Bm EL. -251.	
722	1021		178° 11' (336° 37')		7.8	-		-7.8		-253.2		+937	-405	330,669	2,626,423		
723	1271		167° 20' (325° 46')		8.8	89° 44'	+5.9	2.9		-248.3		+1051	-715	330,783	2,626,113		
724	1546		159° 53' (318° 19')		10.7	89° 30'	+13.5	2.8		-242.6		+1155	-1028	330,887	2,625,800		

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE					
2-17-83		B. Cottramp		D. Hamilton		6834		B.C.		11	56					
AREA		TOPO MAP	STATE	COUNTY		TWP	RANGE	PPM	PARTY MANAGER							
Death Valley		Bennetts well - 15'	CALIF	Inyo					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	
			Platons → (321.0)						-245.4							
TP <sub>4</sub>	1820		157° 53' 20"		9.8	81° 30'	+16.0	+6.2	-239.2	TP	+1316	-1257	331,049	2,625,572		
TP <sub>4</sub>	1820		(316° 19' 42")		9.8	270° 30'	+16.0	+6.2		TP	"	"			"	
TP <sub>3</sub>			0° 00' 00"													
TP <sub>4</sub>	0				+4.9	Hi		+4.9	-234.3	X	0	0	331,049	2,625,572		
725	72		239° 47' (16° 07')		7.3	-		-7.3				+69			+20	331,118
726	389		212° 36' (348° 56')		11.8	-		-11.8			+382	-75	331,431	2,625,497		
727	693		199° 01' (335° 21')		10.1	-		-10.1			+630	-289	331,679	2,625,283		
728	989		189° 11' (325° 31')		12.1	74	4.4	7.7			+815	-560	331,864	2,625,012		
729	1316		191° 05' (327° 25')		8.9	89° 50'	3.9	5.0			+1109	-709	332,158	2,624,863		
730	1643		192° 51' (329° 11')		5.9	89° 50'	+4.8	1.1			+1411	-842	332,460	2,624,730		
731	1953		196° 14' (332° 34')		7.6	89° 50'	+5.8	1.8			+1733	-900	332,722	2,624,672		
TP <sub>5</sub>	2173		198° 43' 01"		9.4	89° 50'	+6.4	-3.0	-237.2	TP	+1970	-917	333,020	2,624,656		
TP <sub>5</sub>	2173		(335° 02' 43")		9.3	270° 11'	+6.4	-2.9		TP	"	"			"	
TP <sub>4</sub>			0° 00' 00"													
TP <sub>5</sub>	0				+5.05	Hi		+5.1	-232.1	X	0	0	333,020	2,624,656		
732	96		219° 10' (14° 13')		5.8	-		-5.8				+93			+24	333,113
733	426		218° 25' (13° 28')		8.9	90° 30'	3.7	12.6			+414	+99	333,434	2,624,755		

## SURVEY NOTES-HIGH RESOLUTION DATA

GEO-448

## Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-17-83		B. Cotcamp		D. Hamilton		6834		B.C.		11		57			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Death Valley		Bennetts Well-15'		CALIF.		Inyo								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
			PLATES → (g.r.o.)						-232.1						
734	755		212° 18' (13° 20')		10.6	90° 30'	-6.6	17.2		-249.3		+735	+174	333,755	2,624,830
735	1080		214° 21' (9° 30')		8.9	90° 30'	-9.4	18.3		-250.4		+1065	+178	334,085	2,624,834
TP <sub>6</sub>	1331		210° 49' 40"		7.1	90° 30'	-11.6	-18.7		-250.8	TP	+1324	+136	334,344	2,624,793
TP <sub>6</sub>	1331		(5° 52' 23")		7.1	269° 30'	-11.6	-18.7			TP		"		
TP <sub>5</sub>			0° 00' 00"												
TP <sub>6</sub>	0				+5.25	4i		+5.3	-245.5		π	0	0	334,344	2,624,793
736	66		159° 22' (315° 14')		5.2	-		-5.2		-250.7		+64	-17	334,408	2,624,776
737	396		164° 59' (340° 51')		5.0	-		-5.0		-250.5		+374	-130	334,718	2,624,663
738	726		155° 02' (340° 54')		5.3	-		-5.3		-250.8		+686	-238	335,030	2,624,555
739	1055		154° 20' 56"		7.2	89° 46'	+4.3	-2.9		-248.4	TP	+973	-357	335,337	2,624,436
739	1055		(340° 13' 19")		7.2	210° 14'	+4.3	-2.9			TP				
TP <sub>6</sub>			0° 00' 00"												
739	0				+5.1	4i		+5.1	-243.3		π	0	0	335,337	2,624,436
740	330		205° 02' (5° 19')		6.8	-		-6.8		-250.1		+329	+31	335,666	2,624,467
741	657		201° 05' (1° 22')		6.1	-		-6.1		-249.4		+657	+16	335,994	2,624,452
742	982		196° 46' (357° 03')		7.0	-		-7.0		-250.3		+981	-51	336,318	2,624,385
743	1309		194° 39' (354° 56')		6.4	-		-6.4		-249.7		+1304	-116	336,641	2,624,320

SUNSHINE TAKEN @ THIS  
CORRECTED g.r.o.  
PERMITS 740-11-20

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE					
2.18.83		B. Colcamp		D. Hamilton		6834		B.C.		11	58					
AREA		TOPO MAP	STATE	COUNTY	TWP	RANGE	PPM	PARTY MANAGER								
Ogden Valley		Bennett Well-15	CALIF.	Inyo				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	
			PLATES 7 (GRID)						-243.3							
TP <sub>1</sub>	1514		192° 48' 35"		9.6	89° 50'	+4.5	5.1		-248.4	TP	+1503	-182	336,840	2,624,254	
TP <sub>1</sub>	1514		(353° 06' 00")		9.6	270° 10'	+4.5	5.1			TP					
739			0° 00' 00"													
TP <sub>1</sub>	0			+ 5.15	4.			+5.2	-243.2		X	0	0	336,840	2,624,254	
744	120		169° 32' (342° 38')		5.1	-		-5.1		-248.3		+115	-36	336,955	2,624,218	
745	449		167° 32' (340° 38')		4.1	-		-4.1		-247.3		+424	-149	337,264	2,624,105	
746	776		170° 25' (343° 31')		8.1	89° 42'	+4.1	4.0		-247.2		+744	-220	337,584	2,624,034	
747	1101		174° 00' (347° 06')		10.0	89° 42'	+5.8	4.2		-247.4		+1073	-246	337,913	2,624,008	
748	1428		175° 51' (348° 57')		10.3	89° 42'	+7.5	2.8		-246.0		+1402	-274	338,242	2,623,980	
749	1758		176° 31' (349° 37')		10.8	89° 42'	+9.3	1.5		-244.7		+1729	-317	338,569	2,623,937	
TP <sub>2</sub>	1836		176° 30' 35"		7.5	89° 48'	+6.5	1.0		-244.2	TP	+1806	-331	338,616	2,623,923	
TP <sub>2</sub>	1836		(349° 36' 35")		7.5	270° 12'	+6.5	1.0			TP					
TP <sub>1</sub>			0° 00' 00"													
TP <sub>2</sub>	0			+ 5.75	4.			+5.3	-238.9		X	0	0	339,646	2,623,923	
750	252		180° 06' (349° 43')		6.4	-		-6.4		-245.3		+248	-45	339,899	2,623,878	
751	582		180° 26' (350° 03')		6.5	-		-6.5		-245.4		+573	-101	339,219	2,623,822	
752	903		186° 10' (355° 47')		10.9	-		-10.9		-249.8		+901	-66	339,547	2,623,857	

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-18-83		G. Cotcamp		D. Hamilton		6834		DR BC		11		59			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Death Valley		Bennetts well-15'		CALIF.		Inyo								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
			PLATES → (92.0)						-238.9						
753	1230		186° 59' (356° 16')		9.7	90° 10'	-3.5	13.2		-252.1		+1228	-73	339,874	2,623,890
754	1559		185° 55' (355° 32')		7.1	90° 10'	-4.5	11.6		-250.5		+1554	-121	340,200	2,623,802
755	1889		" " " "		8.0	90° 10'	-5.4	13.4		-252.3		+1883	-147	340,529	2,623,776
756	2218		185° 29' (355° 06')		9.9	90° 04'	-2.5	12.4		-251.3		+2210	-189	340,856	2,623,734
757	2547		185° 44' (355° 21')		7.3	90° 04'	-2.8	10.1		-249.0		+2539	-206	341,185	2,623,717
758	2877		186° 42' (355° 19')		7.2	90° 04'	-3.2	10.4		-249.3		+2867	-235	341,513	2,623,688
TP <sub>2</sub>	2952		185° 01' 17"		9.3	-	+0.2	9.1		-247.9	TP	+2939	-276	341,585	2,623,647
TP <sub>3</sub>	2952		(354° 37' 52")		9.1	270°	+0.2	-8.9	90° 3'		TP				
TP <sub>2</sub>			0° 00' 00"												
TP <sub>3</sub>	0				+4.95	41°		+5.0		-242.9	X	0	0	341,585	2,623,647
759	250		175° 01' (347° 39')		6.2	-		-6.2		-249.1		+246	-45	341,831	2,623,602
760	579		177° 51' (352° 29')		6.4	-		-6.7		-249.6		+574	-76	342,159	2,623,571
761	905		174° 42' (349° 20')		5.4	-		-5.4		-248.3		+889	-168	342,474	2,623,479
762	1233		173° 49' (348° 27')		8.7	89° 52'	+2.9	5.8		-248.7		+1208	-247	342,793	2,623,400
763	1562		172° 46' (347° 23')		6.6	89° 52'	+3.7	2.9		-245.8		+1524	-341	343,109	2,623,306
764	1890		173° 40' 53" (348° 19')		8.8	89° 52'	+4.5	4.3		-247.2		+1851	-383	343,346	2,623,264
765	2217		174° 08' (348° 46')		7.7	89° 54'	+4.0	3.7		-246.6		+2175	-432	343,760	2,623,215
766	2547		174° 14' (348° 52')		9.6	89° 54'	+4.6	5.0		-247.9		+2499	-492	344,084	2,623,155

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE				
2.21.83		B. Cotnam		D. Hamilton		6834		D. H. JH		H	600				
AREA		TOPO MAP		STATE		COUNTY		RANGE		PARTY MANAGER					
Death Valley		Furnace Creek - 15'		CALIF.		Inyo		RANGE		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
			RAIPS 7 (92.0)						-242.9						
767	2873		175° 13' (349° 51')		10.5	89° 54'	+5.2	5.3		-248.2		+2828	-506	344,413	2,623,141
TP <sub>1</sub>	3036		175° 35' 22"		11.2	89° 54'	+5.5	5.7		-248.6	TP	+2992	-516	344,577	2,623,131
TP <sub>1</sub>	3036		(350° 13' 14")		11.3	270° 06'	+5.5	5.8			TP				
TP <sub>3</sub>			0° 00' 06"												
TP <sub>1</sub>	0				+4.95	H <sub>i</sub>		+5.0		-243.6	X	0	0	344,577	2,623,131
768	169		167° 58' (338° 11')		5.8	-	-	-5.8		-249.4		+157	-63	344,739	2,623,068
769	496		171° 04' (341° 17')		5.3	-	-	-5.3		-248.9		+470	-159	345,047	2,622,972
770	826		172° 22' (342° 35')		8.3	-	-	-8.3		-251.9		+788	-247	345,365	2,622,884
771	1156		171° 47' (342° 00')		9.2	-	-	-9.2		-252.8		+1099	-357	345,676	2,622,774
772	1485		172° 55' (343° 08')		9.9	-	-	-9.9		-253.5		+1421	-431	345,998	2,622,700
773	1813		173° 54' (344° 07')		12.1	-	+0.1	12.0		-255.6		+1744	-496	346,321	2,622,635
774	2143		174° 30' (344° 43')		12.0	-	+0.1	11.9		-255.5		+2067	-565	346,644	2,622,566
775	2472		175° 04' (345° 17')		11.2	-	+0.1	11.1		-254.7		+2391	-628	346,968	2,622,503
776	2802		175° 00' (345° 13')		12.1	-	+0.2	11.9		-255.5		+2709	-715	347,286	2,622,416
777	3132		" " " "		10.0	96° 04'	3.4	13.4		-257.0		+3028	-799	347,605	2,622,332
778	3462		174° 50' 50"		10.7	90° 04'	3.8	14.5		-258.1	TP	+3345	-892	347,922	2,622,289
778	3462		(345° 04' 04")		10.8	269° 56'	3.8	14.6			TP				

DATE 2-21-83	INSTRUMENT MAN B. Cotcamp	ROD MAN D. Hamilton	PARTY NUMBER 6834	NOTES CHECKED BY D.H. [Signature]	LINE NO. 11	PAGE 61
AREA Depth Valley	TOPD MAP Furnace Creek-15'	STATE CALIF.	COUNTY Inyo	TWP	PARTY MANAGER 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
			PLATON → (9.10)												
TP <sub>1</sub>			0° 00' 00"							-258.1					
778	0				+5.25	Hi		+5.3	-252.8		X	0	0	347,922	2,622,239
779	330		181° 32' (346° 36')		5.3	-		-5.3		-258.1		+321	-76	348,243	2,622,163
780	654		187° 42' (352° 46')		5.8	-		-5.8		-258.6		+649	-82	348,571	2,622,157
781	982		188° 14' (363° 18')		4.9	-		-4.9		-257.7		+975	-115	349,897	2,622,124
782	1313		188° 06' (353° 10')		7.1	89° 50'	+3.9	3.2		-256.0		+1304	-156	349,226	2,622,083
783	1643		" " " "		7.0	89° 50'	+4.8	2.2		-255.0		+1631	-195	349,553	2,622,044
784	1973		" " " "		8.2	89° 50'	+5.8	2.4		-255.2		+1959	-235	349,881	2,622,004
785	2305		188° 11' 41"		9.3	89° 00'	+6.8	2.5		-255.0	TP	+2289	-270	350,211	2,621,969
785	2305		(353° 15' 45")		8.7	270° 10'	+6.8	-1.9	-223		TP				ACROSS STATION
778			0° 00' 00"												
785	0				+4.95	Hi		+5.0	-250.0		X	0	0	350,211	2,621,969
786	330		189° 15' (2° 31')		5.9	-		-5.9		-255.9		+330	+14	350,541	2,621,983
787	654		186° 15' (358° 31')		7.8	-		-7.8		-257.8		+654	-17	350,865	2,621,952
788	979		181° 13' (354° 29')		6.2	-		-6.2		-256.2		+974	-94	351,185	2,621,875
789	1307		" " " "		5.7	-		-5.7		-255.7		+1301	-126	351,512	2,621,843
790	1637		" " " "		6.7	-	+0.1	7.6		-256.6		+1629	-157	351,840	2,621,812
791	1967		181° 43' (354° 59')		7.7	-	+0.1	7.6		-257.6		+1959	-172	352,170	2,621,799

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-21-83		B. Cotcamp		D. Hamilton		6834		D.H. DR		11		62			
AREA		TOPO MAP		STATE		COUNTY		TRIP		RANGE		PPM		PARTY MANAGER	
Death Valley		FURNACE CREEK-15'		CALIF.		INYO								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
			PLUMS → (grid)						-250.0						
792	2298		181° 39' (354° 55')		7.5	-	+0.1	7.4		-257.4		+2289	-204	352,500	
793	2628		" " "		6.9	-	+0.1	6.8		-256.8		+2618	-233	352,829	
TP <sub>2</sub>	2813		181° 12' 39"		5.4	-	+0.2	5.2		-255.2	TP	+2800	-271	353,011	2,621,698
TP <sub>2</sub>	2813		(354° 28' 24")		5.5	270°	+0.2	5.3			TP				
785			0 00 00												
TP <sub>2</sub>	0				+4.8	H.I.		+4.8		-250.4	π	0	0	353,011	2,621,698
794	142		171° 17' (345° 45')		5.6	-	-5.6			-256.0		+138	-35	353,149	2,621,663
795	468		182° 04' (356° 32')		8.0	-	-8.0			-258.4		+467	-28	353,478	2,621,670
796	797		183° 00' (357° 28')		8.7	-	-8.7			-259.1		+796	-35	353,807	2,621,663
TP <sub>3</sub>	882		181° 55' 12"		8.1	-	-8.1			-258.5	TP	+880	-55	353,891	2,621,643
TP <sub>3</sub>	882		(356° 23' 36")		8.1	270°	-8.1				TP				
TP <sub>2</sub>			0 00 00												
TP <sub>3</sub>	0				+5.1	H.I.		+5.1		-253.4	π	0	0	353,891	2,621,643
797	244		183° 03' (359° 27')		6.4	-	-6.4			-259.8		+244	-2	354,135	2,621,641
798	573		183° 22' (359° 46')		7.0	-	-7.0			-260.4		+573	-2	354,464	2,621,641
799	902		180° 27' (356° 51')		9.9	89° 50'	+2.6	7.3		-260.7		+901	-50	354,792	2,621,593
800	1230		179° 14' (355° 38')		11.0	89° 50'	+3.6	7.4		-260.8		+1226	-94	355,177	2,621,549

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE				
2.21.83		B. Cotcamp		D. Hamilton		6834		D.H. JH		11	63				
AREA		TOPO MAP		STATE		COUNTY		TWP		PARTY MANAGER					
Death Valley		Furnace Creek-15		CALIF.		Inyo				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
			Plains (grid)						-253.4						
801	1558		177° 49' (354° 13')		12.0	89° 50'	+4.6	7.4		-260.8		+1550	-157	355,441	2,621,496
802	1888		177° 29' (353° 53')		12.5	89° 50'	+5.6	6.9		-260.3		+1877	-201	355,768	2,621,442
TP <sub>2</sub>	1992		176° 26' 17"		11.3	89° 50'	+5.9	5.4	}	-258.8	TP	+1976	-249	355,867	2,621,394
TP <sub>4</sub>	1992		(352° 49' 53")		11.4	270° 10'	+5.9	5.5			TP				
TP <sub>3</sub>			0° 00' 00"												
TP <sub>4</sub>	0				+5.1	Hi		+5.1	}	-253.7	X	0	0	355,867	2,621,394
803	229		191° 09' (3° 59')		5.4	-	-5.4	-5.4				+228	+16		
804	558		194° 05' (6° 55')		5.7	-	-5.7	-5.7		-259.4		+554	+67	356,421	2,621,461
805	887		194° 41' (7° 31')		6.3	-	-6.3	-6.3		-260.0		+879	+116	356,746	2,621,510
806	1217		194° 31' (7° 21')		6.0	-	-6.0	-6.0		-259.7		+1207	+156	357,074	2,621,550
807	1547		194° 15' (7° 05')		7.2	89° 54'	+2.7	4.5		-258.2		+1535	+191	357,402	2,621,585
808	1876		194° 50' (7° 40')		8.9	89° 54'	+3.3	5.6		-259.3		+1859	+250	357,726	2,621,644
809	2206		195° 03' 15"		9.4	89° 54'	+4.0	5.4	}	-259.2	TP	+2185	+303	358,052	2,621,697
809	2206		(17° 53' 08")		9.7	270° 06'	+4.0	5.7			TP				
TP <sub>4</sub>			0° 00' 00"												
809	0				+5.2	Hi		+5.2	}	-254.0	X	0	0	358,052	2,621,697
810	330		177° 32' (5° 25')		6.0	-	-6.0	-6.0				+329	+31		

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE						
2-22-83		B. Cotcamp		D. Hamilton		6834		B.C.		11	64						
AREA		TOPO MAP	STATE	COUNTY	TWP	RANGE	PPM	PARTY MANAGER									
Depth Valley		FURNACE CREEK-15	CALIF.	Inyo				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		
			PLATES 9(9R10)						-254.0								
811	659		179° 14' (7° 07')		6.2	-		-6.2		-260.2		+654	+82	358,706	2,621,779		
812	989		179° 21' (7° 14')		6.9	-		-6.9		-260.9		+981	+125	359,033	2,621,822		
813	1316		177° 10' (5° 03')		6.1	-		-6.1		-260.1		+1311	+116	359,363	2,621,813		
814	1643		175° 31' (3° 24')		6.0	-	+0.1	-5.9		-259.9		+1640	+97	359,692	2,621,794		
815	1973		175° 39' (3° 32')		6.0	-	+0.1	-5.9		-259.9		+1969	+122	360,021	2,621,819		
816	2302		176° 16' (4° 09')		4.8	-	+0.1	-4.7		-258.7		+2296	+167	360,348	2,621,804		
817	2630		176° 56' (4° 49')		7.8	89° 54'	+4.7	-3.1		-257.1		+2621	+221	360,673	2,621,819		
817	2944		175° 39' 02" (3° 32' 10")		3.6	89° 54'	+5.3	+1.7		-252.3	Bm	+2938	+182	360,990	2,621,976	L-650 1942 S.C.G.S Bm EL.-252	
818	2959		176° 26' (4° 19')		5.6	89° 54'	+5.3	-0.3		-254.3		+2951	+223	361,003	2,621,920		
819	3288		175° 57' (3° 50')		7.8	89° 50'	+9.8	+2.0		-252.0		+3281	+220	361,323	2,621,917		
820	3615		175° 18' 03"		9.8	89° 50'	+10.8	+1.0	} +0.9	-253.1	TP	+3609	+201	361,661	2,621,998		
820	3615		(3° 11' 11")		10.1	270° 10'	+10.8	+0.7				TP					
809			0° 00' 00"														
820	0				+5.05	H:		+5.1		-248.0	T	0	0	361,661	2,621,898		
821	330		177° 01' (0° 12')		4.5	-		-4.5		-252.5		+330	+1	361,991	2,621,899		
822	660		177° 57' (1° 08')		6.1	-		-6.1		-254.1		+660	+13	362,321	2,621,911		
823	988		180° 20' (3° 31')		7.9	-		-7.9		-255.9		+986	+61	362,647	2,621,959		
824	1316		181° 57' (5° 08')		9.0	-		-9.0		-257.0		+1311	+118	362,972	2,622,016		

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE				
2-22-83		B. Cotcamp		D. Hamilton		6834		AA BC		11	65				
AREA		TOPO MAP		STATE		COUNTY		RANGE		PARTY MANAGER					
Death Valley		FURNACE CREEK-15		CALIF.		Inyo				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
			PLATES → (32:0)						-248.0						
825	1645		182° 46' (5° 56')		10.4	-	+0.1	-10.3		-258.3		+1636	+170	363,297	2,622,068
826	1974		183° 48' (6° 59')		11.2	-	+0.1	-11.1		-259.1		+1959	+240	363,620	2,622,138
827	2301		184° 46' (7° 57')		8.9	90° 06'	-3.9	-12.8		-260.8		+2279	+318	363,940	2,622,216
828	2638		185° 37' (8° 48')		9.8	90° 06'	-4.4	-14.2		-262.2		+2599	+402	364,260	2,622,300
829	2960		186° 02' 46"		9.5	90° 06'	-5.0	-14.5		-262.5	TP	+2922	+475	364,583	2,622,323
829	2960		(9° 13' 57")		9.6	269° 54'	-5.0	-14.6			TP				
820			0° 00' 00"												
829	0				+5.1	H.I.		+5.1		-257.4	π	0	0	364,583	2,622,313
830	328		176° 36' (5° 50')		5.8	-		-5.8		-263.2		+326	+33	364,909	2,622,406
831	653		170° 10' (39° 24')		5.8	-		-5.8		-263.2		+653	-7	365,236	2,622,364
832	980		166° 29' (35° 43')		6.0	-		-6.0		-263.4	⊗	+977	-73	365,560	2,622,300
833	1309		165° 29' (35° 43')		4.0	-		-4.0		-261.4		+1303	-121	365,886	2,622,252
834	1636		163° 41' (35° 53')		2.9	-	+0.1	-2.8		-260.2		+1624	-202	366,207	2,622,171
→	2179		168° 35' 12" (35° 49' 09")		4.6	-	+0.1	-4.5		-261.9	π	+2177	-83	366,760	2,622,290
TP	3248		358° 54' 10"		8.5	89° 46'	+13.4	+4.9		-252.5	TP				
TP	3248		(132° 02' 00")		8.6	270° 14'	+13.4	+4.8			TP				
829			0° 00' 00"												
TP	0				+5.0	H.I.		+5.0		-247.5	π				

LOWEST ELEVATION ON LINE \* 11

E.O.L. LINE \* 11

TRAIL MARK  
3-364760 N-2,617,290  
SCALE 1:1000  
CORR. 1/26

DATE 2.22.83	INSTRUMENT MAN B. Cotcamp	ROD MAN D. Hamilton	PARTY NUMBER 6834	NOTES CHECKED BY DIF PBM	LINE NO. 11	PAGE 66
AREA Death Valley	TOPO MAP Furnace Creek-15'	STATE CALIF.	COUNTY INYO	TWP	RANGE	PBM
					PARTY MANAGER 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
									-247.5						
Bm	378		177° 05' 33"		5.5	-		-5.5		-253.0	Bm				L-683 1982
IF	1499		176° 26' 12"		10.4	90° 06'	-2.6	-13.0		-260.5	IF				U.S. (+6.5 Bm El. -25)