

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

PAGE 1 OF 66

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
1-31-83		B. Cotcamp		D. Hamilton		6834		D.H. Hamilton		11		1			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Depth 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	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
Tk	U.S.G.S	Bm	ELEVATION - 153.6	TT-61	1943					153.6					U.S.G.S Bm EL. 154.0 TT61 EL. 153.599
BS	1520		6° 00' 00" (155° 52' 06")		3.7	-		+3.7			BS	-1387	+621	808,708	2436,951
BS	1520		(155° 52' 06")		11.2	TH	-7.6	+3.6	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	2,436,817
3	827		359° 38' (155° 30')		5.9	-		-5.9		151.3		-753	+343	809,342	2436,673
4	497		357° 08' (153° 00')		6.6	-		-6.6		150.6		-443	+226	809,652	2436,556
5	169		348° 47' (144° 39')		6.8	-		-6.8		150.4		-138	+98	809,957	2,436,428
Bm X	0				7.6	-		-4.6		152.6	X	0	0	810,095	2436,330
6	167		196° 03' (351° 55')		5.9	-		-5.9		151.3		+165	-23	810,260	2,436,307
7	494		185° 44' (341° 36')		6.6	-		-6.6		150.6		+469	-156	810,564	2,436,174
8	824		183° 53' (339° 45')		7.9	-		-7.9		149.3		+773	-285	810,868	2,436,085
9	1154		183° 46' (339° 38')		7.7	-		-7.7		149.5		+1082	-402	811,177	2,435,928
10	1484		184° 25' (340° 17')		8.6	-		-8.6		148.6		+1397	-501	811,492	2,435,829
11	1812		184° 49' (340° 41')		7.2	-	+0.1	-7.2		150.1		+1710	-599	811,805	2,435,731
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	89° 54'	+4.4	-6.5		150.7		+2320	-850	812,415	2,435,480
14	2800		184° 17' 34"		9.5	89° 54'	+5.0	-4.5		152.9	TP	+2634	-950	812,729	2,435,380
14	2800		(340° 09' 40")		9.0	270° 06'	+5.0	-4.0			TP				

REMARKS
 U.S.G.S Bm EL. 154.0
 TT61 EL. 153.599
 HORIZONTAL COORD.
 Scaled - ZONE - 5
 Y - 810,095 X - 2436,330
 U.S.G.S Bm EL. 153.0
 J-684 1943
 SUNSHOT TAKEN @
 THIS X FOR STARTING
 GRID AZIMUTH
 (155° 52' 06")

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
1-31-83		B. Cotcamp		O. Hamilton		6834		AKK		11		2			
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	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
Bm			plates to grid 0 00 00							152.9					
14	0				+ 4.95	Mi		+ 4.9	157.8		X	0	0	812,729 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° 13' 16")		9.1	89° 50'	+7.6	-7.5		156.3	Bm	+2419	-822	815,148 2,434,558 U.S.C+G.S. Bm EL. 156.0 H-684 1943	
22	2639		181° 49' 28"		10.7	89° 56'	+7.8	-2.9		154.8	TP	+2510	-816	815,239 2,434,564	
22	2639		(341° 59' 08")		10.9	270° 10'	+7.8	-3.1	-3.0		TP				
14			0° 00' 00"												
22	0				+ 4.75	Mi		+ 4.7	159.5		X	0	0	815,239 2,434,564	
23	330		177° 40' (339° 39')		7.0	-		-7.0		152.5		+309	-115	815,548 2,434,449	
24	660		" " " "		8.1	-		-8.1		151.4		+619	-230	815,858 2,434,339	
25	990		" " " "		10.3	-		-10.3		149.2		+928	-344	816,167 2,434,220	
26	1320		" " " "		11.4	-		-11.4		148.1		+1238	-459	816,477 2,434,109	
27	1647		176° 50' (338° 49')		5.9	84	-8.2	-14.0		145.5		+1536	-595	816,775 2,433,969	

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DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE							
2-1-83		B. Cotcamp		D. Hamilton		6834		D.H. J.A.		11		3							
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 (5125)						159.5										
28	1976		176° 11' (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	+5047	-1701	820,286	2,432,863				820,286 X 2,432,863
TP	5326		(341° 22' 43")		10.0	270°	+0.6	-9.4			TP								45.C.+65 Bm EL. 150.0 C-684 1943
22			0° 00' 00"																
TP	0				+4.05	Hi		+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	734		215° 18' (16° 41')		7.6	-		-7.6		146.9		+895	+268	821,181	2,433,131				

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DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-1-83		B. Cotcamp		D. Hamilton		6834		D.H. DR RD		11		4			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Depth 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	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
			plates to (91.85)						154.5						
42	1264		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	+1568	+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	M.		+5.1	149.1		X	0	0	821,794	2,433,373
44	330		186° 47' (25° 29')		9.3	-		-9.3		139.8		+298	+142	822,092	2,433,515
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	+2684	+995	823,878	2,434,368
50	2310		(25° 31' 11")		8.8	269° 04'	-37.5	-46.3		102.8	TP				
43			0° 00' 00"												
50	0				+4.75	M.		+4.7	107.5		X	0	0	823,878	2,434,368
51	330		179° 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° 30'	-25.9	-35.0		72.5		+894	+426	824,772	2,434,794

LEACH LAKE - 15'
CONFIDENCE MILLS - 15'

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2-1-83		B. Cotcamp		D. Hamilton		6834		D.H. J.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 & TP	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
			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	2,734,936
Bm	1519		178° 31' 49" (24° 03' 00")		8.1	91° 30'	-37.7	-47.8		59.7	Bm	+1387	+619	825,265	2,434,967
55	1650		179° 57' (23° 25' 00")		9.9	91° 30'	-43.1	53.0		54.5		+1490	+709	825,368	2,435,077
56	1980		" " (25° 28')		8.7	91° 30'	-51.7	60.4		47.1		+1788	+851	825,666	2,435,219
57	2310		" " " "		12.4	91° 16'	-51.0	63.4		44.1		+2086	+993	825,964	2,435,361
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° 10'	-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	69.5		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			TP	+4453	+2148	828,331	2,436,516
65	4944		(25° 45' 00") zone 5		14.0	269° 20'	-57.0	-71.0		36.5	TP	+4476	+2098	167,397	2,733,182
			(25° 07' 00") zone 4												
50			0° 00' 00"												
65	0				+5.15	H.		+5.1		41.6	X	0	0	167,397	2,733,182
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	167,837	2,733,670
68	985		201° 17' (46° 24')		7.0	-		-7.0		34.6		+679	+713	168,076	2,733,895

U.S. G.S. Bm EL. 590

F-684 1943

ZONE-4 TR COORDINATE

g-164,314.57 K-2,731,687

TR 91.0 AZIMUTH (23° 25' 00")

→ ZONE 5 COORDINATES

→ NEW ZONE 4 COORDIN.

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2-1-83		B. Cotcamp		D. Hamilton		6834		JF dk		11		6				
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	COORDINATES		REMARKS		
												NORTH + SOUTH -	EAST + WEST -		Y	X
									41.6							
69	1259		plates to grid 192° 10' (37° 17')		7.4	-		-7.4		34.2		+1002	+763	168,399	2,733,945	
70	1507		182° 58' (28° 05')		9.0	-		-9.0		32.6		+1330	+709	168,727	2,733,891	
71	1778		176° 19' (21° 26')		10.3	-	+0.1	-10.2		31.4		+1655	+650	169,052	2,733,832	
B.M.	1737		175° 10' 27" (20° 17' 27")		8.7	-	+0.1	-8.6		33.0	B.M.	+1629	+602	169,026	2,733,784	U.S. C&G.S. B.M. EL. 330 E-684 1943
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		28.1		+2627	+462	170,024	2,733,649	
75	2978		162° 35' 04"		10.9	90° 04'	-3.3	-14.2		27.5	TP	+2951	+399	170,345	2,733,575	
75	2978		(7° 42' 04")		10.6	269° 56'	-3.3	-13.9	-14.73		TP	-5	-6			
65			0° 00' 00"													
75	0				+4.95	H.		+4.9	32.4		X	0	0	170,345	2,733,575	
76	330		161° 39' (349° 21')		5.9	-		-5.9		26.5		+324	-61	170,669	2,733,514	
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	

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2-1-83		B. Cotcamp		D. Hamilton		6834		D.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	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS TP	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
			plates to grids						32.4						
83	2640		161 39 13		8.4	90° 06'	-4.5	-12.9		19.6	TP	+2595	-488	172,937	2,733,081
83	2640		(349° 21' 17")		8.1	269° 54'	-4.5	-12.6	-12.9		TP	-3	-6		
75			0° 00' 00"												
83	0				+4.95	Mi		+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
Bm	1319		177° 30' 54" (346° 52' 11")		8.6	-		-8.6		15.9	Bm	+1285	-300	174,222	2,732,781
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° 47' 17"		13.3	-	+0.1	-13.2		11.4	TP	+2591	-497	175,525	2,732,578
91	2638		(349° 08' 34")		13.0	270°	+0.1	-12.9	-13.5		TP	-3	-6		
83			0° 00' 00"												
91	0				+5.25	Mi		+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

U.S. C+GS. Bm EL. 16.0
D-684 1943

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		AM RR RD		11		8			
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	COORDINATES		REMARKS	
												NORTH + SOUTH -	EAST + WEST -		Y
			plates to grids						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
98	2310		180° 03' (349° 12')		12.0	-	+0.1	-11.9		4.7		+2269	-433	177,794	2,732,145
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' 41"		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	269° 54'	-8.6	-16.6	-16.6		TP	-3	-6		
91			0° 00' 00"												
107	0				+5.2	H.		+5.2	5.0		T	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	2,731,459

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

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. RA 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	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
			align 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	182,327	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° 45' (348° 53')		10.0	89° 52'	+6.3	-3.7		1.3		+2589	-509	183,295	2,731,068
116	2966		178° 59' (348° 07')		10.9	89° 52'	+7.1	-3.8		1.2		+2902	-611	183,608	2,730,964
117	3292		178° 03' (347° 11')		7.2	89° 58'	+2.1	-5.1		-0.1		+3210	-730	183,916	2,730,847
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	2,730,557
119	3939		(345° 04' 40")		10.1	270°	+0.3	-9.8	-10.03		TP	-3	-6		
107			0° 00' 00"												High Rod.
119	0				+5.1	Hi		+5.1	0.1		X	0	0	184,509	2,730,557
Bm	59		101° 29' 58" (266° 34' 38')		4.6	-		-4.6		-4.5	Bm	-4	-59	184,505	2,730,498
120	336		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	-5.6		-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

U.S.C.G.S Bm EL. -5.0
0-681 1945

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

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.R. A.R.		11		10							
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 -		EAST + WEST -		COORDINATES		REMARKS	
												LAT.	DEP.	Y	X				
			plates 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' 47"		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	270° 10'	+15.9	+5.7			TP	-3	-6						
119			0° 00' 00"																
135	0				+5.1	41		+5.1	10.8		TP	0	0	189,067	2,727,892				
Bm	154		161° 56' 05" (311° 41' 32")		6.1	-		-6.1		4.7	Bm	+102	-115	189,169	2,727,772				U.S.C.+G.S Bm EL 40 A-684 1943
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	84	-6.6	-13.2		-2.4		+1144	-659	190,211	2,727,233				

SURVEY HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

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	
Death Valley		Confidence Hills-15'		CALIF.		INYO								L. D. Guss	
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 Rids)						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	1980		" " " "		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	79.0		-8.2		+2573	-1484	191,640	2,726,408
145	3300		" " " "		8.9	90° 10'	-9.4	78.3		-7.5		+2859	-1648	191,926	2,726,244
146	3630		" " " "		7.1	90° 10'	-10.3	77.4		-6.6		+3145	-1813	192,212	2,726,079
147	3960		" " " "		10.3	90° 06'	-6.6	76.9		-6.1		+3431	-1978	192,498	2,725,914
148	4289		180° 14' 41"		7.8	90° 06'	-7.1	74.9		-4.0	TP	+3714	-2144	192,779	2,725,742
148	4289		(330° 00' 08')		7.5	269° 54'	-7.1	74.6			TP	-2	-6		
135			0° 00' 00"												
148	0				+5.05	Mi		+5.0				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' 14")		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. & E. L. 18.0
2-672 1943

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

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 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
									+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	2,723,853
156	2541		(312° 01' 44")		8.8	276° 54'	+40.0	+31.2			TP	-1	-2		
148			6° 06' 00"												
156	0				+5.15	Hi		+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" (224° 12' 09")		8.3	91° 30'	-46.0	-54.3		-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'	-3.8	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	70.1		17.1		+699	-2202	195,178	2,721,651
164	2640		155° 35' (287° 37')		8.1	90° 20'	-15.2	73.3		13.9		+799	-2516	195,278	2,721,337
165	2970		" " " "		10.2	90° 20'	-17.1	77.3		9.9		+899	-2831	195,378	2,721,022
166	3299		155° 33' 29"		10.8	90° 20'	-19.0	79.8		7.6	TP	+997	-3145	195,473	2,720,709
166	3299		(287° 35' 13")		10.5	269° 40'	-19.0	79.5	-21.63		TP	-3	"		

Δ-193,217 X-2,722,626
45.65 Δ Δ EL.-17.0
11/61 1945 Horiz y=-21'
CORR. X=-44'

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-2-83		B. Coteamp		D. Hamilton		6834		B.C.A.		11		13			
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 TP	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
156			0° 00' 00"							7.6					
166	0		PLATES → (R10)		+ 5.15	Hi		+ 5.1	12.7		TP	0	0	195,473	2,720,709
167	330		179° 44' (287° 19')		10.1	-		10.1		2.6		+ 98	- 315	195,571	2,720,394
168	660		" " " "		10.0	BH	- 3.3	13.3		- 0.6		+ 196	- 630	195,669	2,720,079
Bm	554		181° 32' 36" (289° 07' 49')		7.0	90° 20'	- 3.2	10.2		2.5	Bm	+ 182	- 523	195,655	2,720,186
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		- 7.8		+ 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° 19' 52"		9.7	-	+ 0.1	9.6		3.1	TP	+ 797	- 1796	196,267	2,718,914
172	1965		(293° 55' 05')		9.6	270° -	+ 0.1	9.5			TP	- 3	+ 1		
166			0° 00' 00"												
172	0				+ 5.05	Hi		+ 5.0	8.1		TP	0	0	196,267	2,718,914
173	330		192° 38' (306° 33')		5.5	89° 20'	+ 3.8	11.7		6.4		+ 197	- 265	196,464	2,718,649
174	660		" " " "		7.3	89° 20'	+ 7.7	10.4		8.5		+ 393	- 530	196,660	2,718,384
175	990		" " " "		9.8	89° 20'	+ 11.5	11.7		9.8		+ 590	- 795	196,857	2,718,119
176	1320		" " " "		10.5	89° 20'	+ 15.4	14.9		13.0		+ 786	- 1060	197,053	2,717,854
177	1650		" " " "		12.7	89° 20'	+ 19.3	16.6		14.7		+ 983	- 1326	197,250	2,717,588
178	1980		" " " "		9.1	89° 30'	+ 17.4	18.3		16.4		+ 1179	- 1591	197,446	2,717,323

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-2-83		B. Cotcamp		D. Hamilton		6834		B.C.A.D.		11		14			
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 7(92.0)						8.1						
179	2310		192° 38' (306° 33')		10.5	89° 30'	+20.3	+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
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	+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

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-2-83		B. Cotcamp		D. Hamilton		6834		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 -	EAST + WEST -		Y
			PLATES → (9 R.I.O)						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	+6.8		76.2	TP	-3	"		
189			0° 00' 00"												
198	0				+5.05	H.		+5.1	81.3		π	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	-7.3		68.0		+792	-1056	202,169	2,710,975
203	1650		" " " "		9.9 ^{+0.1}	BH	-8.3	-8.1		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' 25')		10.9	269° 40'	-11.4	-22.3			TP	-3	"		
198			0° 00' 00"												
204	0				+5.2	H.		+5.2	64.2		π	0	0	202,562	2,710,448

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-3-83		B. Colcamp		D. Hamilton		6834		B.C. AD		11		16			
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 R. 10)						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° 56' 04")		11.2	249° 06'	-82.4	-93.65		-29.4	TP	-3	+1		

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE							
2-3-83		B. Cotcamp		D. Hamilton		6834		PR 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	NORTH + SOUTH -		EAST + WEST -		COORDINATES		REMARKS	
												LAT.	DEP.	Y	X				
204			0° 00' 00"							-29.4									
220	0		(PLATES 7 (92.10)		+5.05	Mi		+5.1	-24.3		π	0	0	205,731	2,706,229				
221	330		180° 00' (306° 56')		7.9	-		-7.9		-32.2		+198	-264	205,929	2,705,965				
222	660		179° 54' (306° 50')		8.1	-		-8.1		-32.4		+396	-528	206,127	2,705,701				
223	990		" " " "		8.9	-		-8.9		-33.2		+593	-792	206,324	2,705,437				
224	1320		" " " "		9.0	-		-9.0		-33.3		+791	-1057	206,522	2,705,172				
225	1650		" " " "		5.7	-	+0.1	-5.6		-29.9		+989	-1321	206,720	2,704,908				
226	1980		179° 54' (306° 50')		10.6	TH	+9.9	-0.7		-25.0		+1187	-1585	206,918	2,704,644				
227	2310		" " " "		7.0	89° 40'	+13.5	+6.5		-17.8		+1385	-1849	207,116	2,704,380				
228	2640		" " " "		7.2	89° 30'	+23.2	+16.0		-8.3		+1583	-2113	207,314	2,704,116				
229	2970		" " " "		9.0	89° 26'	+34.7	+25.7		1.4		+1780	-2377	207,511	2,703,852				
230	3300		" " " "		4.0	89° 20'	+38.6	+34.6		10.3		+1978	-2641	207,709	2,703,588				
231	3630		" " " "		8.3	89° 10'	+53.1	+44.8		20.5		+2176	-2905	207,907	2,703,324				
232	3960		" " " "		4.3	89° 10'	+57.9	+53.6		29.3		+2374	-3170	208,105	2,703,059				
Bm	4073		180° 29' 08" (307° 25' 12")		9.9	89° -	+71.4	+61.5		37.2	Bm	+2475	-3235	208,206	2,702,994				u.s. c&g.s Bm el. 880
233	4290		179° 54' (306° 50')		13.4	89° -	+75.2	+61.8		37.5		+2572	-3434	208,303	2,702,795				4-672 1943
234	4620		" " " "		8.9	89° -	+81.1	+72.2		47.9		+2770	-3698	208,501	2,702,531				
235	4950		" " " "		6.0	89° -	+86.9	+80.9		56.6		+2967	-3962	208,698	2,702,267				

SURVEY NOTES-HIGH RESOLUTION DATA
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Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE					
2-3-83		B. Cotcamp		D. Hamilton		6824		B.C.A.		11		18					
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 TP	NORTH + SOUTH - LAT.	EAST + WEST - DEP.	COORDINATES		REMARKS	
			PLATES → (GRIDS)						24.3					Y	X		
236	5279		179° 55' 12"		4.5	89° -	+92.7	+88.2	+88.5	64.2	TP	+3166	-4223	208,894	2,702,007		
236	5279		(306° 51' 16")		4.0	271° -	+92.7	+88.7		TP		-3	+1				
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	+13.9		83.4		+593	-793	209,487	2,701,214		
240	1320		" " " "		11.0	88° 40'	+30.8	+19.8		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	ACROSS	
244	2640		(306° 36' 46")		11.6	271° -	+46.2	+34.6		TP		-3	+1				STATION
236			0° 00' 00"														
244	0				+5.1	H:		+5.1	109.2		π	0	0	210,465	2,699,889		
245	330		182° 31' (309° 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		

SURVEY NOTES-HIGH RESOLUTION DATA
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Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE				
2-3-83		B. Cotcamp		D. Hamilton		6834		D.R. A.W.		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 TP	NORTH + SOUTH - LAT.	EAST + WEST - DEP.	COORDINATES Y X		REMARKS
			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	
Bm	1656		181° 22' 53" (307° 59' 39")		8.5	-	+0.1	-8.4		100.8	Bm	+1019	-1305	211,484	2,698,584	u.s.c.+G.S. Bm EL. 101.0
250	1980		180° 42' (307° 19')		10.0	90° 10'	-5.7	-15.7		93.5		+1200	-1575	211,665	2,698,314	T-672 1943
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	Mi.		+5.3	97.2		TP	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	

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Geosource Inc.

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-65		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 (N.O)						97.2						
261	3300		179° 41' (306° 54')		5.7	90° 50'	-77.8	33.5		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	2,694,691
265	4618		" " " "		10.1	90° 46'	-61.4	71.5		25.7		+2773	-3693	214,632	2,694,357
Δ	4571		179° 59' 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	-	-		
251			0° 00' 00"												
Δ	0				+3.9	4:		+3.9		33.7	X	0	0	214,622	2,694,410
previous T.P.	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° 55' (305° 07')		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	+1	+1		
			126° 04' 54"												
Δ			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. C+G S Δ EL. 30.0
S-672 1923 HORIZ Y-28
CORR. X-19'

y=215,278 x=2,695,570
STA. 397 Line 49 EL. 103.0

SUNSHOT TAKEN @
THIS POINT CORRECTED
GRID AZIMUTH

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE						
2-4-83		B. Cotcamp		D. Hamilton		6834		[Signature]		11		21						
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 -		EAST + WEST -		COORDINATES		REMARKS
												LAT.	DEP.	Y	X			
			PLATES → (GRID)						11.3									
270	330		180° 52' (306° 57')		5.8	91° 30'	-8.6	-14.4		-3.1		+192	-264	215,626	2693,042			
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		-18.7		+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	2,689,899			
TP	4557	4555.6	181° 20' 05"		7.5	91° 24'	-110.9	-118.4			TP	+276.8	-3618	218,197	2,689,689			
TP	4557		(307° 24' 59")		7.4	268° 36'	-110.9	-118.3		-107.0	TP	+	+					
269			0° 00' 00"															
TP	0				+5.0	M.		+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	-16	218,264	2,689,673			

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-4-83		B. Cotcamp		D. Hamilton		6834		[Signature]		11		22			
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 -	EAST + WEST -		Y
			PLATES → (GRID)						-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	2,689,239
286	1053		195° 10' (322° 35')		9.8	90° 40'	-12.2	-22.0		-124.0		+836	-640	219,033	2,689,049
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	2,688,682
289	2042		196° 57' (324° 22')		5.3	90° 10'	-5.9	-11.2		-113.2		+1660	-1190	219,857	2,688,499
290	2372		197° 10' (324° 35')		11.2	89° 54'	+4.3	-6.9		-108.9		+1933	-1375	220,130	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		+2754	-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	125.13		TP				
TP			0° 00' 00"												
298	0				+4.95	4i		+5.0		-71.9	TP	0	0	222,268	2,686,775

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE					
2-4-83		B. Coteamp		D. Hamilton		6834		[Signature]		11	23					
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 → (9210)						-71.9							
299	330		165° 45' (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	-505	222,693	2,686,220	
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	225,671	2,682,738	
315	5609		165° 44' 23"		8.8	89° 24'	+59.4	+50.6		-21.1	TP	+3615	-4289	225,884	2,682,487	
315	5609		(310° 07' 32")		8.5	270° 26'	+59.4	+50.9			TP	+1	-1			

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-4-83		B. Cotcamp		D. Hamilton		6834		[Signature]		11		24			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Depth Valley		Confidence Mills - KS		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 -	EAST + WEST -		Y
			PLATES → (GRID)												
298			0° 00' 00"							-21.1					
315	0				+5.0	Mi		+5.0	-16.1		X	0	0	225,884	2,682,487
316	330		180° 04' (310° 12')		5.1	89° 40'	+1.9	3.2		-19.3		+213	252	226,097	2,682,235
317	660		" " " "		12.0	89° 40'	+3.8	8.2		-24.3		+426	504	226,310	2,681,983
318	990		" " " "		9.2	-		-9.2		-25.3		+639	756	226,523	2,681,731
319	1320		" " " "		9.9	-		-9.9		-26.0		+852	1008	226,736	2,681,479
320	1650		" " " "		9.9	-	+0.1	9.8		-25.9		+1065	1260	226,949	2,681,227
321	1980		" " " "		12.6	-	+0.1	12.5		-28.6		+1278	1512	227,162	2,680,975
322	2310		" " " "		11.2	90° 10'	6.6	7.8		-33.9		+1491	1764	227,375	2,680,723
323	2639		180° 03' 43"		8.2	90° 10'	-7.5	-15.7			TP	+1703	2016	227,588	2,680,472
323	2639		(310° 11' 15")		8.1	269° 50'	-7.5	-15.6		-31.7	TP	+1	+1		
315			0° 00' 00"												
323	0				+5.15	Mi		+5.2	-26.5		X	0	0	227,588	2,680,472
324	330		180° 00' (310° 11')		4.7	91° -	-5.8	10.5		-37.0		+213	252	227,801	2,680,220
325	660		" " " "		6.5	91° -	-11.5	18.0		-44.5		+426	504	228,014	2,679,968
326	945		177° 01' (307° 12')		8.7	91° -	-16.5	25.2		-51.7		+571	753	228,159	2,679,719
327	1048		158° 58' (289° 09')		8.3	91° 50'	-33.5	41.8		-68.3		+344	990	227,932	2,679,482
328	1303		148° 45' (278° 56')		10.0	92° 10'	-49.2	59.2		-85.7		+202	1287	227,790	2,679,185

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE				
2-4-83		B. Cotcamp		D. Hamilton		6834		JH		11	25				
AREA		TOPO MAP	STATE	COUNTY	TWP	RANGE	PPM	PARTY MANAGER							
Death Valley		Confidence Mills-15	CALIF.	Inyo				L. Oguis							
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 → (91210)						26.5						
329	1606		143° 41' (273° 52')		10.1	92° 20'	-65.3	-75.4		-101.9		+108	-1602	227,696	2,678,870
330	1935		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° 30'	-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		+274	-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	Hi		+5.2	3181.6		TP	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° -	-11.4	-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')		5.0	90° 10'	-5.6	-10.6		-192.2		-241	-1924	227,492	2,675,012
342	2299		165° 35' (257° 55')		7.2	-	+0.1	-7.1		-188.7		-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

SURVEY NOTES-HIGH RESOLUTION DATA
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Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-7-83		B. Cotcamp		D. Hamilton		6834		AK		11		26			
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						-181.6						
344	2796		173° 33' (265° 53')		7.7	-	+0.2	-7.5		-189.1		-201	-2789	227,532	2,674,147
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	228,624	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	-6.63		TP	+	+		
335			0° 00' 00"												
351	0				+4.95	Hi		+5.0	183.2		TP	0	0	229,066	2,672,419
352	330		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	224,428	2,671,867
354	990		" " " "		11.9	BH	5.0	-16.5		-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
356	1650		196° 45' (303° 11')		6.7 ⁰¹	BH	-8.3	-14.9		-198.1		+903	-1381	229,969	2,671,038
357	1980		" " " "		8.9	-	+0.1	-8.8		-192.0		+1084	-1657	230,150	2,670,762

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. Cotcamp		D. Hamilton		6834		[Signature]		11	27					
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 -	EAST + WEST -	COORDINATES		REMARKS
			PLATES → (GRID)						-183.2					Y	X	
358	2310		196° 42' (303° 08')		10.9	-	+0.1	10.8		-194.0		+1263	1934	230,329	2,670,485	
359	2640		196° 35' (303° 01')		11.0	-	+0.1	10.9		-194.1		+1438	2214	230,504	2,670,205	
360	2968		196° 27' (302° 53')		12.6	-	+0.2	12.4		-195.6		+1615	2490	230,681	2,669,929	
361	3296		196° 54' (303° 20')		10.0	90° 06'	-5.5	15.5		-198.7		+1811	2754	230,877	2,669,665	
362	3623		197° 39' (304° 05')		12.1	90° 06'	-6.1	18.2		-201.4		+2030	3001	231,096	2,669,418	
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° 33')		10.8	90° 10'	-12.0	22.8		-206.0		+2538	3423	231,604	2,668,996	
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	96° 10'	-12.5	-23.3	-23.1		TP	+	+			
351			0° 00' 00"													
TP	0				+ 5.05	H:		+5.1	201.2		π	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	

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. Cotcamp		D. Hamilton		6834		[Signature]		11	28				
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
			Plates → (9210)						201.2						
372	2450		194° 34' (321° 44')		10.9	90° 10'	-7.0	-17.9		-219.1		+1924	-1517	223,676	2,667,301
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	234,089	2,666,340
378	4428		" " " "		6.0	90° 10'	-12.5	-18.5		-219.7		+3477	-2742	235,229	2,666,136
379	4758		194° 25' (321° 35')		10.9	90° 06'	-7.8	-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	-18.1		TP	+1	+1		
TP			0° 00' 00"												
380	0				+5.0	Hi		+5.0		214.3	TP	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. Cotcamp		D. Hamilton		6834		JH		11		29			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		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 → (9 R.I.D)						214.3						
386	1976		185° 53' (327° 10')		5.7	-	+0.1	5.6		219.9		+1660	1071	237,382	2,664,626
387	2305		186° 31' (327° 48')		6.2	-	+0.1	6.1		220.4		+1950	1228	237,672	2,664,469
388 or	2139		184° 41' 46" (325° 58' 47")		3.8	-	+0.1	3.7		218.0	Bm	+1772	1198	237,494	2,664,499
388	2633		187° 22' (328° 35')		6.0	-	+0.1	5.9		220.2		+2249	1370	237,971	2,664,327
389	2961		188° 07' (329° 24')		7.2	-	+0.2	7.0		221.3		+2549	1507	238,271	2,664,190
390	3290		188° 37' (329° 54')		7.6	-	+0.2	7.4		221.7		+2846	1650	238,568	2,664,047
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	M.		+5.2		218.7	X	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	240,374	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

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. Cotcamp		D. Hamilton		6834		AD		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	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
			PLATES → GRID						218.7						
400	1979		184° 26' (335° 58')		5.9	-	+0.1	5.8		224.5		7807	806	241,578	2,662,197
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		221.8		+2410	7075	242,181	2,662,428
Bm	2814		185° 42' 09" (337° 13' 42")		6.4	89° 54'	+5.1	-1.3		220.0	Bm	+2594	7090	242,365	2,662,913
403	2968		184° 30' 35"		6.9	89° 54'	+5.4	-1.5		-220.0	TP	+2712	7206	242,484	2,662,298
403	2968		(336° 02' 08")		6.6	270° 06'	+5.4	-1.2	-1.3		TP	+1	+1		
394			0° 00' 00"												
403	0				+5.15	4.1		+5.2	214.8		X	0	0	242,484	2,662,298
404	330		177° 13' (333° 15')		5.9	89° 50'	+1.0	4.9		219.7		+295	749	242,779	2,662,149
405	660		" " " "		5.8	89° 50'	+1.9	3.9		218.7		+589	297	243,073	2,662,001
406	990		" " " "		6.8	89° 50'	+2.9	3.9		218.7		+884	446	243,368	2,661,852
407	1319		176° 01' (332° 03')		7.0	89° 50'	+3.9	3.1		217.9		+1165	618	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		+1694	7013	244,178	2,661,285
410	2303		173° 09' (329° 11')		7.4	89° 50'	+6.8	0.6		215.4		+1978	7180	244,462	2,661,118
411	2632		172° 27' 47"		9.0	89° 48'	+9.3	+0.3		214.3	TP	+2244	7375	244,729	2,660,924
411	2632		(328° 29' 55")		8.7	270° 12'	+9.3	+0.6	+0.5		TP	+1	+1		

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-8-83		B. Cotcamp		D. Hamilton		6834		JH		11		31			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		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 → (92.0)												
403			0° 00' 00"												
411	0				+4.8	hi		+4.8	209.5		X	0	0	244,729	2,660,924
412	330		185° 04' (333° 34')		7.3	-		-7.3		216.8		+296	147	245,025	2,660,777
413	660		" " " "		8.4	-		-8.4		217.9		+591	294	245,320	2,660,630
414	990		" " " "		9.7	-		-9.7		219.2		+887	441	245,616	2,660,483
415	1320		" " " "		11.2	-		-11.2		220.7		+1182	588	245,911	2,660,336
416	1645		182° 57' (331° 27')		11.2	-	+0.1	11.1		220.6		+1445	786	246,174	2,660,138
417	1972		181° 45' (330° 15')		11.8	-	+0.1	11.7		221.2		+1712	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° 17' (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	269° 56'	-3.3	-12.5	12.6		TP	+1	+1		
411			0° 00' 00"												
420	0				+5.1	hi		+5.1	217.0		X	0	0	247,249	2,659,371
421	330		176° 31' (324° 50')		6.8	-		-6.8		223.8		+270	790	247,519	2,659,181
422	659		174° 44' (323° 03')		7.8	-		-7.8		224.8		+527	396	247,776	2,658,975
423	987		172° 41' (321° 00')		6.9	-		-6.9		223.9		+767	621	248,016	2,658,750

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		OK		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	NORTH + SOUTH - LAT.	EAST + WEST - DEP.	COORDINATES Y X		REMARKS
			PLATES → (92.0)													
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	TM	+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	2,657,844	
427	2260		159° 48' (308° 07')		8.3	89° 52'	+5.4	-2.9		219.9		+1395	-1778	248,644	2,657,523	
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		(306° 51' 23")		7.7	270° 08'	+6.2	-1.5			TP					
420			0° 00' 00"													
428	0				+5.25	M:		+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	2,657,019	
430	660		" " " "		8.1	-		-8.1		221.4		+335	-568	249,135	2,656,735	
431	990		" " " "		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	2,655,873	
434	1974		174° 51' (301° 42')		11.0	-	+0.1	-10.9		224.2		+1037	-1680	249,837	2,655,623	
BM	2208		176° 36' 35" (303° 27' 58")		11.5	-	+0.1	-11.4		224.7	BM					
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	2,654,842	

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		[Signature]		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
			Plates → (Rio)												
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	2,654,294
440	3946		177° 21' (304° 12')		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° 37')		10.7	90° 08'	-11.0	-21.7		-235.0		+2802	-4059	251,602	2,653,244
444	5254		176° 57' 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	-22.0		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		-235.5		+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		168° 28' (293° 17')		6.1	-		-6.1		-236.3		+391	-909	252,115	2,652,029
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

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		JJA		11		34			
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 TP	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
			PLATES (9R10)												
453	2823		188° 05' (311° 54')		7.6	-	+0.2	-7.4		237.6		+1885	-2101	253,609	2,650,937
454	3149		189° 01' (312° 50')		7.8	-	+0.2	-7.6		237.8		+2141	-2309	253,865	2,650,629
455	3477		189° 37' (313° 26')		7.8	-	+0.2	-7.6		237.8		+2390	-2525	254,114	2,650,413
456	3804		190° 17' (314° 06')		8.0	-	+0.3	-7.7		237.9		+2647	-2732	254,371	2,650,206
457	4131		190° 56' (314° 45')		8.8	-	+0.4	-8.4		238.6		+2908	-2934	254,632	2,650,004
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	2,649,170
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	-549	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	2,647,960

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		[Signature]		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	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
			(PLATES → 9R10)												
468	2626		185° 33' (321° 16')		7.8	-	+0.1	-7.7		241.5		+2048	1643	257,436	2,647,722
469	2951		184° 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	π	0	0	257,655	2,647,476
470	330		159° 03' (299° 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	258,829	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' 59")		5.3	270° -	+0.2	-5.1			TP				
469			0° 00' 00"												
479	0				+5.15	4i		+5.2		236.1	π	0	0	259,132	2,644,590

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. Cottramp		D. Hamilton		6834		A.H. OA		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 TP	COORDINATES		REMARKS	
												NORTH+ SOUTH - LAT.	EAST+ WEST - DEP.		Y
			PLATES → (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° 37')		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		+1671	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	-6.35		TP	+1	+4		5th.
479			0° 00' 00"												
489	0				+4.95	H.		+5.0	-237.4		TP	0	0	261,010	2,641,938
490	333		200° 47' (326° 02')		7.4	-		-7.4		-244.8		+276	-186	261,286	2,641,752
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

u.s.c. & G.S.
D. 1885, DIST. ROAD EL. 2390
Horiz. y +13'
Corr. x +13'

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2.10.83		B. Cotcamp		D. Hamilton		6834		D.H. All		11		37			
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)						-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° 51')		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	2626		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		(329° 48' 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	263,877	2,640,367
Bm	293		211° 44' (1° 32')		3.8	-		-3.8		-245.0	Bm	+293	+8	264,014	2,640,373
500	482		200° 36' (356° 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	2,639,979
505	2115		196° 04' (345° 52')		6.8	-	+0.1	-6.7		-247.9		+2051	-516	265,772	2,639,899
506	2436		197° 46' (347° 34')		8.1	-	+0.1	-8.0		-249.2		+2379	-524	266,100	2,639,841

G-681 1943
S.G.S. Bm EL. -244.0

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-10-83		B. Cotcamp		D. Hamilton		6834		D.H. OK		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 -	EAST + WEST -		Y
			PLATES → (GRID)						241.2						
507	2765		198° 21' (348° 09')		8.1	-	+0.2	-7.9		249.1		+2706	-568	266,427	2,639,797
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	H.		+5.0	-3.1	239.3	X	0	0	267,399	2,639,638
511	330		183° 33' (352° 19')		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

SURVEY NOTES-HIGH RESOLUTION DATA

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-10-83		B. Cotcamp		D. Hamilton		6834		D.H. ORR		11		39			
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 TP	COORDINATES		REMARKS	
												NORTH + SOUTH -	EAST + WEST -		Y
			Plates → grid						-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	-8.5		TP	"	"		
510			0° 00' 00"												
521	0				+4.8	Mi		+4.8		-243.0	TP	0	0	270,972	2,639,308
522	330		166° 05' (346° 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° 36')		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	2,639,070
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	2,638,834
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
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	-4.0		TP		"		

E-681 1943
U.S.C+G.S Bm EL. -2460

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

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		40							
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM							
Death Valley		Bennetts Well-15'		CALIF.		Inyo													
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				
521			PLATES (92.0)																
TP	0		0 00 00							-247.0									
532	120		216° 55' (26° 33')		+5.0	Hi		+5.0	-242.0		π	0	0	274,359	2,638,693				
533	445		202° 42' (12° 20')		6.3	-		-6.3	-248.3			+107	+54	274,466	2,638,747				
534	769		196° 34' (6° 12')		9.7	-		-9.7	-251.7			+435	+95	274,794	2,638,788				
535	1093		192° 41' (2° 19')		10.5	-		-10.5	-252.5			+765	+83	275,124	2,638,776				
536	1416		189° 33' (359° 11')		10.8	-		-10.8	-252.8			+1092	+44	275,451	2,638,737				
537	1742		187° 42' (357° 20')		10.9	-	+0.1	-10.8	-252.9			+1416	-20	275,775	2,638,673				
538	2071		187° 59' (357° 37')		11.4	-	+0.1	-11.3	-252.8			+1740	-81	276,099	2,638,612				
539	2401		188° 05' (357° 43')		11.9	-	+0.1	-11.8	-253.3			+2069	-86	276,428	2,638,607				
540	2730		187° 35' 07"		11.2	-	+0.2	-11.0	-253.8			+2399	-96	276,758	2,638,597				
540	2730		(357° 13' 31")		10.7	270°	+0.2	-10.5	-252.7		TP	+2727	-132	277,086	2,638,565				
TP			0 00 00								TP								
540	0				+5.05	Hi		+5.1	-247.6										
541	330		170° 03' (347° 17')		4.9	-		-4.9	-252.5		π	0	0	277,086	2,638,565				
542	660		167° 27' (344° 41')		5.2	-		-5.2	-252.8			+322	-73	277,408	2,638,492				
543	989		166° 45' (343° 59')		5.6	-		-5.6	-253.2			+637	-174	277,723	2,638,391				
544	1319		167° 07' (344° 21')		6.5	-		-6.5	-254.1			+951	-273	278,037	2,638,292				
												+1270	-356	278,356	2,638,209				

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

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	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)						247.6								
545	1649		167° 16' (344° 30')		5.8	-	+0.1	-5.7		253.3		+1589	-441	278,675	2,638,124		
546	1978		166° 50' (344° 04')		6.2	-	+0.1	-6.1		253.7		+1902	-543	278,988	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' 26" (345° 45' 51")		5.6	-	+0.1	-5.5		253.1	Bm	+2278	-600	279,364	2,637,965	D-681 1943 U.S.C. + G.S. Bm EL. -2520	
548	2637		166° 19' 06"		5.4	-	+0.1	-5.3		252.6	TP	+2529	-747	279,615	2,637,821		
548	2637		(343° 32' 37")		4.8	270°	+0.1	-4.7			TP						
540			0° 00' 00"														
548	0				+5.0	4.		+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	280,485	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	280,902	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° 40'	+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						

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-14-83		B. Cotcamp		D. Hamilton		6834		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
			PLATES → (grid)												
548			0 00 00"							245.9					
555	0				+5.25	41'		+5.3	240.6		T	0	0	281,486	2,636,585
556	330		191° 57' (338° 26')		7.3	96° 10'	-1.0	-8.3		248.9		+307	-121	281,793	2,636,464
558	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	2,636,221
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° 52'	+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	2,636,464
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	285,284	2,636,785
568	4132		216° 12' (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° 39' (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

C-6811943
USC+GS Bm EL. 2480

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE						
2-14-83		B. Cotcamp		D. Hamilton		6834		BC		11	43						
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 → (GRID)						240.6								
TP	5241		215° 20' 12"		8.9	-	+0.6	-8.3		-248.7	TP	+5238	+166	286,724	2,636,754		
TP	5241		(1° 48' 45")		8.6	270°	+0.6	-8.0	-8.1		TP		+3				
555			0° 00' 00"														
TP	0				+5.15	4i		+5.2	243.5		π	0	0	286,724	2,636,754		
572	193		176° 23' (358° 12')		4.8	-		-4.8		-248.3		+193	-6	286,917	2,636,748		
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' (349° 28')		7.9	89° 40'	+5.0	-2.9		-246.4		+835	-155	287,559	2,636,599		
575	1179		167° 19' (349° 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 ₂	2619		178° 30' 55"		7.1	89° 56'	+3.2	-3.9		-247.2	TP	+2619	+15	289,343	2,636,774		
TP	2619		(00° 19' 40")		6.8	270° 04'	+3.2	-3.6	-3.7		TP		+5				
TP			0° 00' 00"														
TP ₂	0				+5.2	4i		+5.2	242.0		π	0	0	289,343	2,636,774	CORRECTED GRID Azimuth @ THIS POINT.	
Δ	192		282° 14' 11" (102° 33' 51")		6.2	-		-6.2		-248.2	Δ	-42	+187	289,301	2,636,961	180° 26' 03" S-289,301 X-2,636,961 PEARL U.S.G.S Δ WRTLEY-44. CORR Y=-37	

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE					
2-14-83		B. Cotcamp		D. Hamilton		6834		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 A TP	NORTH+ SOUTH - LAT.	EAST+ WEST - DEP.	COORDINATES		REMARKS
			Plates → (9R10)						-242.0							
580	135		200° 02' (20° 28')		6.1	-		-6.1		-248.1		+126	+47	289,469	2,636,821	
581	465		" " " "		8.0	-		-8.0		-250.0		+436	+163	289,779	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° 50'	-5.1	-13.3	-13.4		TP	+1	+1			
TP ₂			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	291,394	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° 39' (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			

SURVEY NOTES-HIGH RESOLUTION DATA
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Geosource Inc.

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		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 Y X		REMARKS
			Plates → (grid)													
585			0 00 00							-252.5						
TP	0				+4.95	H.		+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		177° 43' (348° 07')		8.9	-		-8.9		-256.4		+644	-136	293,985	2,636,698	
595	988		178° 23' (348° 47')		8.6	-		-8.6		-256.1		+969	-192	294,310	2,636,642	
Bm	1299		180° 27' 54" (350° 51' 35")		6.6	-		-6.6		-254.1	Bm	+1283	-206	294,624	2,636,628	A-681 1945 U.S.C+G.S Bm. 2540
596	1318		178° 48' (349° 12')		7.8	-		-7.8		-255.3		+1295	-247	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' (348° 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° 32' 55"		9.0	89° 52'	+7.9	-1.1			TP	+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	H.		+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° 58' (333° 52')		7.7	TH	+3.3	-4.4		-247.8		+592	-290	297,137	2,635,801	

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE					
2.15.83		B. Cotcamp		D. Hamilton		6834		D.H., J.A.		11	46					
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 Y X		REMARKS
			PLATES → GRID						-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	1958		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		+1791	-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	270° 30'	+25.0	+18.8		-224.6	TP					
602			0° 00' 00"													
TP	0				+5.05	4i		+5.1		-219.5	π	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	U.S.C+G.S Bm EL. -2220
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	

SURVEY NOTES-HIGH RESOLUTION DATA

Geosource Inc.

GEO-445

DATE 2-15-83 INSTRUMENT MAN B. Cotcamp ROD MAN D. Hamilton PARTY NUMBER 6834 NOTES CHECKED BY D.H. LINE NO. 11 PAGE 47

AREA Death Valley TOPO MAP Bennett's Well - 15' STATE CALIF. COUNTY Inyo TWP RANGE PPM 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.	
			PLATES → GRID						-219.5					
618	2371		197° 09' (337° 31')		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		-8.8	TP			
TP			0° 00' 00"											
619	0				+5.25	Mi		+5.3		-223.0	π	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 2,632,464
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° 44' (346° 52')		10.8	-	+0.3	-10.5		-233.5		+3730	-870	304,899 2,632,282
632	4159		191° 36' (346° 44')		11.1	-	+0.4	-10.7		-233.7		+4048	-954	305,217 2,632,198

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE					
2.15.83		B. Cotcamp		D. Hamilton		6834		B.C.		11	48					
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 Y X		REMARKS
			PLATES → 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	-10.6		TP					
619			0° 00' 00"													
633	0				+5.35	H.		+5.4	-228.2		π	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	BH	-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° 25' (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	-24.0		TP					
633			0° 00' 00"													
TP	0				+5.05	H.		+5.1	-247.1		π	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	

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-15-83		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 (310)						-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 ₁	1841		150° 50' 59"		7.4	89° 50'	+5.4	-2.0			TP	+1393	-1204	309,741	2,630,333
TP ₂	1841		(319° 09' 25")		7.3	276° 10'	+5.4	-1.9		-249.0	TP				
TP			0° 00' 00"												
TP ₂	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")												

311,309 x - 2,628,050
4.5.C + 6.5 B = EL. - 239.0
W-680 1945 Horiz. 4.12'
CORR. y. 12'

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE				
2-16-83		B. Cotcamp		D. Hamilton		6834		B.C.		11	50				
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 TP	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
			PLATES → (GRID)						-243.9						
656	2845		166° 44' 35"		9.6	89° 46'	+11.8	+2.2	-233.3	-241.6	TP	+1668	-2305	311,408	2,628,029
656	2845		(305° 54' 00")		9.3	270° 14'	+11.8	+2.5		TP					
TP			0° 00' 00"												
656	0				+5.1	M.		+5.1	-236.5		TP	0	0	311,408	2,628,029
657	330		177° 25' (303° 19')		7.1	89° 30'	+2.9	-4.2		-240.7		+181	-276	311,589	2,627,754
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° 27' 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	M.		+5.2	-233.3		TP	0	0	312,133	2,626,928
661	330		179° 47' (303° 09')		5.1	-		-5.1		-238.4		+180	-276	312,314	2,626,652
662	660		" " " "		4.8	-		-4.8		-238.1		+361	-553	312,494	2,626,375
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	2,625,825
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° 19')		20.0	89° 35'	+14.0	-6.0		-239.3		+1404	-1295	313,537	2,625,633

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

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
			PLATES → (GRID)						-233.3						
667	2185		198° 56' (322° 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		+2344	-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		+3558	-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° 27')		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	+12.3		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	316,991	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

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-16-83		B. Cotcamp		D. Hamilton		6834		B.C.		11		52			
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 7 (grid)						-216.1						
681	1382		211° 22' (21° 36')		9.9	-	+0.0	-9.9		-226.0		+1285	+509	318,209	2,626,612
TP ₂	1659		211° 37' 41"		8.2	-	+0.1	-8.1		-224.1	TP	+1540	+618	318,464	2,626,722
TP ₂	1659		(21° 51' 13")		7.9	270°	+0.1	-7.8			TP		"		
TP	0		0° 00' 00"												
TP ₂	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		-224.6		+35	+46	318,499	2,626,768
683	388		208° 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' (49° 32')		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		(38° 20' 07")		11.1	269° 40'	-11.5	-22.6			TP		"		
TP ₂			0° 00' 00"												
688	0				+5.25	Hi		+5.2		-236.7	X	0	0	320,024	2,627,956
689	330		168° 44' (27° 04')		7.4	-		-7.4		-244.1		+294	+150	320,317	2,628,106
690	660		" " " "		9.0	-		-9.0		-245.7		+588	+300	320,611	2,628,256

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-16-83		B. Cotcamp		D. Hamilton		6834		BC		11		53			
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)						-236.7						
691	987		166° 04' (21° 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' 29")		9.9	270° 08'	+4.9	-5.0	-5.2		TP				
688			0° 06' 00"												
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	2,628,534
696	518		170° 25' (15° 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° 31')		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° 58' (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	-20.8		TP				

3-324,996 X=2,628,652
U.S.C+G.S GRAVITY EL-2570
Dayton STATION 4012 Y-23
HARRIS 1939 CORR X-17

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	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 TP	NORTH + SOUTH -	EAST + WEST -	COORDINATES		REMARKS	
												LAT.	DEP.	Y	X		
TP			PLATES (3 R.I.O.) 0° 00' 00"							-257.0							
A	0				+4.55	—		+4.6	-252.4		TP	0	0	324,996	2,628,652		E. ELEVATION OF GRAVITY STAT. DATUM + MARK'S U.S.C+G.S EL. -257.0
704	324		122° 42' (305° 53')		7.4	89°	+5.7	-1.7		-254.1		+190	-263	325,186	2,628,389		
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				
Δ			0° 00' 00"														
TP	0				+4.8	M.		+4.8	-247.8		TP	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	-1.6		-255.4		+1678	-289	327,120	2,628,009		
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° 56'	+2.8	-6.3		-254.1		+2266	-582	327,709	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 ₂	2931		201° 02' 56"		14.1	89° 48'	+10.4	-3.7		-251.3	TP	+2795	-882	328,238	2,627,417		BRUSHY
TP ₂	2931		(342° 29' 14")		13.7	280° 12'	+10.4	-3.3	-3.53		TP	+1	+1				

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		55			
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
			PLATES → (92.10)												
TP ₁			0° 00' 00"							-251.3					
TP ₂	0				+5.15	H.		+5.2	-246.1		X	0	0	328,238	2,627,417
714	42		196° 07' (358° 36')		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	5.2		-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 ₃	1605		175° 57' 08"		9.1	89° 50'	+4.7	-4.4		-250.4	TP	+1493	-590	329,732	2,626,828
TP ₃	1605		(338° 26' 22")		8.9	87° 10'	+4.7	-4.2		-4.3	TP	+	+		
TP ₂			0° 00' 00"												
TP ₃	0				+4.95	H.		+5.0	-245.4		X	0	0	329,732	2,626,828
719	73		204° 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	330,648	2,626,507
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

5-680 1942
6.5 C + 0.5 Bm EL. -251.0

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		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 TP	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
			PLATES → (GRID)						-245.4						
TP ₄	1820		157° 53' 20"		9.8	89° 30'	+16.0	+6.2		-239.2	TP	+1316	-1257	331,049	2,625,572
TP ₄	1820		(316° 19' 42")		9.8	270° 30'	+16.0	+6.2			TP	"	"		
TP ₃			0° 00' 00"												
TP ₄	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		-241.6		+69	+20	331,118	2,625,592
726	389		212° 36' (348° 56')		11.8	-		-11.8		-246.1		+382	-75	331,431	2,625,497
727	693		199° 01' (335° 21')		10.1	-		-10.1		-244.4		+630	-289	331,679	2,625,283
728	989		189° 11' (325° 31')		12.1	TH	+4.4	7.7		-242.0		+815	-560	331,864	2,625,012
729	1316		191° 05' (327° 25')		8.9	89° 50'	+3.9	5.0		-239.3		+1109	-709	332,158	2,624,863
730	1643		192° 51' (329° 11')		5.9	89° 50'	+4.8	7.1		-235.4		+1411	-842	332,460	2,624,730
731	1953		196° 14' (332° 34')		7.6	89° 50'	+5.8	7.8		-236.1		+1733	-900	332,772	2,624,672
TP ₅	2173		198° 43' 01"		9.4	89° 50'	+6.4	-3.0			TP	+1970	-917	333,020	2,624,656
TP ₅	2173		(335° 02' 43")		9.3	270° 10'	+6.4	-2.9		-237.2	TP	"	"		
TP ₄			0° 00' 00"												
TP ₅	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		-237.9		+93	+24	333,113	2,624,680
733	426		218° 25' (13° 28')		8.9	90° 30'	3.7	12.6		-244.7		+414	+99	333,434	2,624,755

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		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 → (grid)						-232.1						
734	755		218° 18' (13° 21')		10.6	90° 30'	-6.6	17.2		-249.3		+ 735	+ 174	333,755	2,624,830
735	1080		214° 27' (9° 30')		8.9	90° 30'	-9.4	18.3		-250.4		+ 1065	+ 178	334,085	2,624,834
TP ₆	1331		210° 49' 40"		7.1	90° 30'	-11.6	-18.7		-250.8	TP	+1324	+136	334,344	2,624,793
TP ₆	1331		(5° 52' 23")		7.1	269° 30'	-11.6	-18.7			TP		"		
TP ₅			0° 00' 00"												
TP ₆	0				+ 5.25	Hi		+5.3		-245.5	π	0	0	334,344	2,624,793
736	66		159° 22' (345° 14')		5.2	-		-5.2		-250.7		+ 64	- 17	334,408	2,624,776
737	396		154° 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	+993	-357	335,337	2,624,436
739	1055		(340° 13' 19")		7.2	270° 14'	+ 4.3	-2.9			TP				
TP ₆			0° 00' 00"												
739	0				+ 5.1	Hi		+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

sunshot taken @ this
corrected grain
Azimuth 340 17 25"

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2.18.83		B. Cotcamp		D. Hamilton		6834		B.C.		11		58			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
Deer 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 TP	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
			PLATES 7 (GRID)						-243.3						
TP ₁	1514		192° 48' 35"		9.6	89° 50'	+4.5	5.1		-248.4	TP	+1503	-182	336,840	2,624,254
TP ₁	1514		(353° 06' 00")		9.6	270° 10'	+4.5	5.1			TP				
739			0° 00' 00"												
TP ₁	0			+ 5.15	4.1			+5.2	-243.2		TP	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 ₂	1836		176° 30' 35"		7.5	89° 48'	+6.5	1.0		-244.2	TP	+1806	-331	338,646	2,623,923
TP ₂	1836		(349° 36' 35")		7.5	270° 12'	+6.5	1.0			TP				
TP ₁			0° 00' 00"												
TP ₂	0			+ 5.25	4.1			+5.3	-238.9		TP	0	0	338,646	2,623,923
750	252		180° 06' (349° 43')		6.4	-		-6.4		-245.3		+248	-45	338,894	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

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2.18.83		B. Cotcamp		D. Hamilton		6834		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 -	EAST + WEST -		Y
			Plates → (grid)							-238.9					
753	1230		186° 59' (356° 36')		9.7	90° 10'	3.5	13.2		-252.1		+1228	-73	339,874	2,623,850
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		185° 42' (355° 19')		7.2	90° 04'	3.2	10.4		-249.3		+2867	-235	341,513	2,623,688
TP ₂	2952		185° 01' 17"		9.3	-	+0.2	9.1		-247.9	TP	+2939	-276	341,585	2,623,647
TP ₃	2952		(354° 37' 52")		9.1	270° -	0.2	-8.9	-90' 3		TP				
TP ₂			0° 00' 00"												
TP ₃	0				+4.95	4i		+5.0	-242.9		TP	0	0	341,585	2,623,647
759	250		175° 01' (349° 39')		6.2	-		-6.2		-249.1		+246	-45	341,831	2,623,602
760	579		177° 51' (352° 29')		6.7	-		-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° 45' (347° 23')		6.6	89° 52'	+3.7	2.9		-245.8		+1524	-341	343,109	2,623,306
764	1896		173° 40' 53' (348° 17')		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

Bennetts Well-15'
Furnace Creek-15'

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE					
2.21.83		B. Cotcamp		D. Hamilton		6834		D.H. J.R.		11	60					
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 Y X		REMARKS
			Plates 7 (S.R. 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 ₁	3036		175° 35' 22"		11.2	89° 54'	+5.5	5.7		-248.6	TP	+2992	-516	344,577	2,623,131	
TP ₁	3036		(350° 13' 14")		11.3	270° 06'	+5.5	5.8			TP					
TP ₃			0° 00' 06"													
TP ₁	0				+4.95	Hi		+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	344,734	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° 06' (345° 13')		12.1	-	+0.2	11.9		-255.5		+2709	-715	347,286	2,622,416	
777	3132		" " " "		10.6	90° 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	2,622,239	
778	3462		(345° 04' 04")		10.8	269° 56'	3.8	14.6			TP					

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE				
2.21.83		B. Cotcamp		D. Hamilton		6834		D.H. Ad		11	61				
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 TP	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
			PLATOS → (GRID)												
TP			0° 00' 00"							-258.1					
778	0				+5.25	Hi		+5.3	-252.8		TP	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' (353° 18')		4.9	-		-4.9		-257.7		+975	-115	348,897	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° 50'	+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	-22'3		TP				STATION
778			0° 00' 00"												
785	0				+4.95	Hi		+5.0	-250.0		TP	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		185° 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	6.6		-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	2,621,797

SURVEY NOTES-HIGH RESOLUTION DATA
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Geosource Inc.

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		TWP		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
			PLATES → (grid)						-250.0						
792	2298		181° 39' (354° 35')		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 ₂	2813		181° 12' 39"		5.4	-	+0.2	5.2		-255.2	TP	+2800	-271	353,011	2,621,698
TP ₂	2813		(354° 28' 24")		5.5	270°	+0.2	5.3			TP				
			0° 00' 00"												
TP ₂	0				+4.8	H.		+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 ₃	882		181° 55' 12"		8.1	-		-8.1		-258.5	TP	+880	-55	353,891	2,621,643
TP ₃	882		(356° 23' 36")		8.1	270°		-8.1			TP				
			0° 00' 00"												
TP ₂			0° 00' 00"												
TP ₃	0				+5.1	H.		+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

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
2-21-83		B. Cotcamp		D. Hamilton		6834		D.H. [initials]		11		63			
AREA		TOPO MAP		STATE		COUNTY		TWP		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 A TP	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
			Plates = (Grid)						-253.4						
801	1558		177° 49' (354° 13')		12.0	89° 50'	+4.6	7.4		-260.8		+1550	-157	355,441	2,621,486
802	1888		177° 29' (353° 53')		12.5	89° 50'	+5.6	6.9		-260.3		+1877	-201	355,768	2,621,442
TP ₂	1992		176° 26' 17"		11.3	89° 50'	+5.9	5.4		-258.8	TP	+1976	-249	355,867	2,621,394
TP ₄	1992		(352° 49' 53")		11.4	270° 10'	+5.9	5.5			TP				
TP ₃			0° 00' 00"												
TP ₄	0				+5.1	Hi		+5.1		-253.7	A	0	0	355,867	2,621,394
803	229		191° 09' (3° 59')		5.4	-		-5.4		-259.1		+228	+16	356,095	2,621,410
804	558		194° 05' (6° 55')		5.7	-		-5.7		-259.4		+554	+67	356,421	2,621,461
805	887		194° 41' (7° 31')		6.3	-		-6.3		-260.0		+879	+116	356,746	2,621,510
806	1217		194° 31' (7° 21')		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		(7° 53' 08")		9.7	270° 06'	+4.0	5.7			TP				
TP ₄			0° 00' 00"												
809	0				+5.2	Hi		+5.2		-254.0	A	0	0	358,052	2,621,697
810	330		177° 32' (5° 25')		6.0	-		-6.0		-260.0		+329	+31	358,381	2,621,729

SURVEY NOTES-HIGH RESOLUTION DATA
GEO-445

Geosource Inc.

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 & TP	COORDINATES		REMARKS	
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y
			PLATES 7(SRID)						-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	2,621,864
817	2630		176° 56' (4° 49')		7.8	89° 54'	+4.7	-3.1		-257.1		+2621	+221	360,673	2,621,918
Bm	2944		175° 39' 02" (3° 32' 10")		3.6	89° 54'	+5.3	+1.7		-252.3	Bm	+2938	+182	360,990	2,621,877
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	361,333	2,621,917
820	3615		175° 18' 03"		9.8	89° 50'	+10.8	+1.0		-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	Hi		+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

4-360.095 x-2,621,890
L-680 1992
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