

SURVEY NOTES - HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

PAGE 1 of 24

DATE	1-22-82	INSTRUMENT MAN	B. Cotcamp	ROD MAN	M. KNAPP	PARTY NUMBER	6834	NOTES CHECKED BY	Jm B.P.	LINE NO.	4	PAGE	1
AREA	CALIF.	TOPO MAP	Fairmont Butte	STATE	CALIF.	COUNTY	KERN/LOS ANGELES	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	NORTH + SOUTH -		EAST + WEST -		COORDINATES		REMARKS	
												LAT.	DEP.	Y	X				
R	T-ROAD	NORTH	EL. 2642.0							2642.0	R1								
	5319		253° 07' 03" W	+16.4	+7.3	TM	-26.6	-19.3	2622.7		BS	+45	+5319						TRD NORTH EL. 2642.0
	5319				+11.7	89° 40'	-31.0	-19.3			BS								E.O.M.
1	4946		253° 07'	+16.4	8.6	TM	+24.7	+16.1		2638.8		-42	-4946	480,143	1,865,808			F.O.M.	
2	4620		" "	" "	7.2	TM	+23.1	+15.9		2638.6		-39	-4620	480,146	1,866,134				
3	4280		" "	" "	7.0	TM	+21.5	+14.5		2637.2		-36	-4290	480,149	1,866,464				
4	3960		" "	" "	6.7	TM	+19.8	+13.1		2635.8		-33	-3960	480,152	1,866,794				
5	3630		253° 12'	" "	6.1	TM	+18.2	+12.1		2634.8		-25	-3630	480,160	1,867,124				
6	3300		" "	" "	5.6	TM	+16.5	+10.9		2633.6		-23	-3300	480,162	1,867,454				
7	2970		253° 28'	" "	5.2	TM	+14.9	+9.7		2632.4		-7	-2970	480,178	1,867,784				
8	2640		" "	+16.4	7.8	TM	+13.2	+5.4		2628.1		-6	-2640	480,179	1,868,114				
9	2310		253° 51'	" "	7.8	TM	+11.6	+3.8		2626.5		+10	-2310	480,195	1,868,444				
10	1980		253° 58'	" "	6.4	TM	+9.9	+3.5		2626.2		+13	-1980	480,198	1,868,774				
11	1650		" "	" "	7.6	TM	+8.3	+0.7		2623.4		+11	-1650	480,196	1,869,104				
12	1320		" "	" "	7.9	TM	+6.6	-1.3		2621.4		+8	-1320	480,193	1,869,434				
13	990		" "	" "	7.3	TM	+5.0	-2.3		2620.4		+6	-990	480,191	1,869,764				
14	660		" "	" "	4.2	-		-4.2		2618.5		+4	-660	480,189	1,870,094				
15	330		" "	+16.4	5.2	-		-5.2		2617.5		+2	-330	480,187	1,870,424				
16	21		273° 45' 09"	" "	4.8	-		-4.8		2617.9	16	+9	-25	480,194	1,870,729			4-wan INT. X-1,870,740	

4-480,180

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DATE 1-22-82	INSTRUMENT MAN B. Cotamp	ROD MAN M. Knapp	PARTY NUMBER 6834	NOTES CHECKED BY B.C.	LINE NO. 4	PAGE 2
AREA CALIF.	TOPO MAP FAIRMONT Butter	STATE CALIF.	COUNTY Kern/LA.	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 TP	COORDINATES		REMARKS
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.	
									2622.7					
16	0				5.4	-		-5.4		2617.3	T	0	0	480,185, 1,810,754
Bm	73		96° 12' 43"	+16.4	6.3	-		-6.3		2616.4	Bm.			Bm. EL. 2615.0
17	330		73° 20'	"	6.9	-		-6.9		2615.8		+2	+330	480,187, 1,811,084
18	660		" "	"	7.4	-		-7.4		2615.3		+3	+660	480,188, 1,811,414
19	990		" "	"	8.1	-		-8.1		2614.6		+5	+990	480,190, 1,811,744
20	1320		" "	"	8.7	-		-8.7		2614.0		+6	+1320	480,191, 1,812,074
21	1650		" "	"	9.1	-		-9.1		2613.6		+8	+1650	480,193, 1,812,404
22	1980		" "	+16.4	10.0	-		-10.0		2612.7		+9	+1980	480,194, 1,812,734
23	2310		" "	"	11.4	-		-11.4		2611.3		+11	+2310	480,196, 1,813,064
Bm.	2668		73° 55' 36"	"	11.2	-		-11.2		2611.5	Bm.			BENCH MARK EL. 2610.0
24	2640		73° 20'	"	12.1	-		-12.1		2610.6		+12	+2640	480,197, 1,813,394
24	2624		73° 08' 42"	"	11.9	-		-11.9		2610.8	≠	+23	+2624	480,208, 1,813,378 4-way INT x 1,813,400 y=480,195
25	2970		73° 20'	"	13.1	-		-13.1		2609.6		+14	+2970	480,199, 1,813,724
26	3300		" "	+16.4	13.0	-		-13.0		2609.7		+15	+3300	480,200, 1,814,054
27	3630		" "	"	13.2	-		-13.2		2609.5		+17	+3630	480,202, 1,814,384
28	3960		" "	"	13.4	-		-13.4		2609.3		+18	+3960	480,203, 1,814,714
29	4290		" "	"	13.7	-		-13.7		2609.0		+20	+4290	480,205, 1,815,044
30	4620		" "	"	9.9	96° 04'	-5.4	-15.3		2607.4		+22	+4620	480,207, 1,815,374
31	4950		" "	"	10.4	96° 04'	-5.7	-16.1		2606.6		+23	+4950	480,208, 1,815,704

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DATE 1-22-82	INSTRUMENT MAN B. Cotcamp	ROD MAN M. Knapp	PARTY NUMBER 6834	NOTES CHECKED BY Jm B.C.	LINE NO. 4	PAGE 3
AREA CALIF.	TOPO MAP Fairmont Butte	STATE CALIF.	COUNTY KERN/L.A.	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.	
									2622.7					
IF	5249		73° 12' 38"	+16.4°	11.2	90° 04'	-6.1	-17.3		2605.4	IF	+36	+5249	480,221 1,876,003 <sup>y=480,240</sup> HWAY INTX-1,876,000
32	5279		73° 19' 56"	+16.0	11.7	90° 04'	-6.1	-17.8			TP	+62	+5279	480,247 1,876,033 E.D.M.
32	5279				5.6	90° 08'	-12.3	-17.9		2604.8	TP			
	5279		253° 23' 27" 180°	+16.0	+13.6	TH	-26.4	-12.8			BS	+56	+5279	E.D.M.
	5279				+11.5	89° 44'	-24.5	-13.0	2591.8		BS			
33	4950		253° 23'	+16.0	8.1	89° 46'	+20.1	+12.0		2603.8		-53	-4950	480,250 1,876,362
34	4620		" "	" "	8.2	89° 46'	+18.8	+10.6		2602.4		-50	-4620	480,253 1,876,692
35	4290		" "	" "	7.9	89° 46'	+17.5	+9.6		2601.4		-46	-4290	480,257 1,877,022
36	3960		" "	" "	7.9	89° 46'	+16.1	+8.2		2600.0		-43	-3960	480,260 1,877,352
37	3630		" "	" "	7.8	89° 46'	+14.8	+7.0		2598.8		-39	-3630	480,264 1,877,682
38	3300		" "	" "	7.8	89° 46'	+13.4	+5.6		2597.4		-36	-3300	480,267 1,878,012
39	2970		" "	" "	7.8	89° 46'	+12.1	+4.3		2596.1		-32	-2970	480,271 1,878,342
IF	2745		253° 37' 53"	+16.0	7.4	89° 46'	+11.2	+3.8		2595.6	IF	-18	-2745	480,285 1,878,567 <sup>y=480,280 x=1,878,530</sup> TRD NORTH EL. 2594.0
40	2640		253° 23'	" "	10.0	TH	+13.2	+3.2		2595.0		-28	-2640	480,275 1,878,672
41	2310		" "	" "	9.3	TH	+11.6	+2.3		2594.1		-25	-2310	480,278 1,879,002
42	1980		" "	" "	8.8	TH	+9.9	+1.1		2592.9		-21	-1980	480,282 1,879,332
43	1680		" "	" "	8.1	TH	+8.3	+0.2		2592.0		-18	-1680	480,285 1,879,662
44	1320		" "	" "	7.0	TH	+6.6	-0.4		2591.4		-14	-1320	480,289 1,879,992
45	990		" "	" "	6.2	TH	+5.0	-1.2		2590.6		-11	-990	480,292 1,880,322

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DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO	PAGE				
1-22-82		B. Cotcamp		M. Knapp		6834		MK Jm		4	4				
AREA		TOPO MAP	STATE	COUNTY	TWP	RANGE	PPM	PARTY MANAGER							
CALIF.		Fairmont Butte-	CALIF.	KERN / L.A.				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
									2591.8						
46	660		253° 23'	+16.0°	2.9	-		-2.9		2588.9		-7	-660	480,296	1,880,652
47	330		" "	" "	4.0	-		-4.0		2587.8		-4	-330	480,299	1,880,982
48	105		258° 21' 54"	" "	4.6	-		-4.6		2587.2	48	+8	-105	480,311	1,881,207
Bm	70			" "	4.1	-		-4.1		2587.7	Bm				Way Int. x-1,881,205
48	0				5.4	-		-5.4		2586.4	π	0	0	480,303	1,881,312
49	330		74° 14'	+16.0°	6.6	-		-6.6		2585.2		-1	+330	480,302	1,881,642
50	660		" "	" "	7.6	-		-7.6		2584.2		-3	+660	480,300	1,881,972
51	990		" "	" "	8.1	-		-8.1		2583.7		-4	+990	480,299	1,882,302
52	1320		" "	" "	10.3	-		-10.3		2581.5		-5	+1320	480,298	1,882,632
53	1650		" "	" "	12.0	-		-12.0		2579.8		-7	+1650	480,296	1,882,962
54	1980		" "	" "	4.1	BH	-9.9	-14.0		2577.8		-8	+1980	480,295	1,883,292
55	2310		" "	" "	4.1	BH	-11.6	-15.7		2576.1		-9	+2310	480,294	1,883,622
56	2640		" "	" "	5.1	BH	-13.2	-18.3		2573.5		-11	+2640	480,292	1,883,952
57	2970		74° 14'	+16.0°	3.5	BH	-14.9	-18.4		2573.4		-12	+2970	480,291	1,884,282
58	3300		" "	" "	2.5	BH	-16.5	-19.0		2572.8		-13	+3300	480,290	1,884,612
59	3630		" "	" "	2.8	BH	-18.2	-21.0		2570.8		-15	+3630	480,288	1,884,942
60	3960		" "	" "	3.2	BH	-19.8	-23.0		2568.8		-16	+3960	480,287	1,885,272
61	4290		" "	" "	2.8	BH	-21.5	-24.3		2567.5		-17	+4290	480,286	1,885,602
62	4620		" "	" "	3.0	BH	-23.1	-26.1		2565.7		-19	+4620	480,284	1,885,932

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DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE				
1-22-82		B. Cotamp		M. Knapp		6834		MPK Jan		4		5				
AREA		TOPOGRAPHY		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER		
CALIF.		LITTLE BUTTES FAIRMONT Butte		CALIF.		KEEN/LA.								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	X
									2591.8							
63	4950		74° 14'	+16.0	2.9	BH	-24.8	-27.7		2564.1		-20	+4950	480,283	1,886,762	
#	5177		74° 05'	"	5.0	90° 15' 16"	-23.0	-28.0		2563.8	#	-8	+5177	480,295	1,886,489	g-480.315 Hwy X-1,886.445
64	5279		74° 13' 33"	+15.6	15.0	90° 08' 55"	-13.7	-28.7		2563.1	TP	+16	+5279	480,319	1,886,589	E.O.M.
64	5279				5.0	90° 15' 24"	-23.6	-28.6			TP					
	5280.2		259° 34' 54" -180	+15.6	+5.3	TH	-26.4	-21.1	2542.0		BS	-17	+5280			E.O.M.
	5280.2				+9.7	89° 40'	-30.7	-21.0			BS		-2			
65	4950		259° 35'	+15.6	4.9	TH	+24.8	+19.9		2561.9		+16	-4950	480,318	1,886,917	↑
66	4620		" "	" "	4.8	TH	+23.1	+18.3		2560.3		+15	-4620	480,317	1,887,247	FAIRMOUNT BUTTE
67	4290		" "	" "	5.9	TH	+21.5	+15.6		2557.6		+14	-4290	480,316	1,887,577	LITTLE BUTTES
68	3960		" "	" "	6.1	TH	+19.8	+13.7		2555.7		+13	-3960	480,315	1,887,907	↓
69	3630		" "	" "	6.6	TH	+18.2	+11.6		2553.6		+12	-3630	480,314	1,888,237	
70	3300		" "	" "	6.5	TH	+16.5	+10.0		2552.0		+11	-3300	480,313	1,888,567	
71	2970		" "	" "	7.0	TH	+14.9	+7.9		2549.9		+10	-2970	480,312	1,888,897	
#	2733		259° 50' 26"	+15.6	6.7	TH	+13.7	+7.0		2549.0	#	+21	-2733	480,313	1,889,134	g-480.326 x-1,889,110 TRD NORTH EL. 2549.0
72	2640		259° 35'	" "	7.0	TH	+13.2	+6.2		2548.2		+8	-2640	480,310	1,889,227	
73	2310		" "	" "	6.1	TH	+11.6	+5.5		2547.5		+7	-2310	480,309	1,889,557	
74	1980		" "	" "	5.0	TH	+9.9	+4.9		2546.9		+6	-1980	480,308	1,889,887	
75	1650		" "	" "	4.9	TH	+8.3	+3.4		2545.4		+5	-1650	480,307	1,890,217	
76	1320		" "	" "	5.0	TH	+6.6	+1.6		2543.6		+4	-1320	480,306	1,890,547	

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DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE				
1-23-82		B. COTCAMP		M. KWAPP		6834		MPK Jm		4	6				
AREA		TOPO MAP		STATE		COUNTY		TWP	RANGE	PPM	PARTY MANAGER				
CALIFORNIA		LITTLE BUTTES		CALIFORNIA		KERN/L.A.					L. DAVIS				
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS & TP	COORDINATES		REMARKS		
											NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y	X
								2542.0							
77	990		254° 35'	+15.6	5.3	TH	+5.0	-0.3	2541.7		+3	-990	480,305	1,890,877	
78	660		" "	" "	5.0	TH	+3.3	-1.7	2540.3		+2	-660	480,304	1,891,207	
79	330		" "	" "	2.9	-		-2.9	2539.1		+1	-330	480,303	1,891,537	
#	95		261° 50' 06"	" "	4.3	-		-4.3	2537.7	#	+12	-94	480,314	1,891,773	4 way INT. y=480,330 x=1,891,775
Bm	142		225° 42' 03"	" "	3.1	-		-3.1	2538.9	Bm					
80	0		7		5.4	-		-5.4	2536.6	T	0	0	480,302	1,891,867	
81	330		74° 38'	+15.6	7.5	-		-7.5	2534.5		-1	+330	480,301	1,892,197	
82	660		" "	" "	9.3	-		-9.3	2532.7		-3	+660	480,299	1,892,527	
83	990		" "	" "	10.7	-		-10.7	2531.3		-4	+990	480,298	1,892,857	
84	1320		" "	" "	12.7	-		-12.7	2529.3		-5	+1320	480,297	1,893,187	
85	1650		" "	" "	5.8	BH	-8.3	-14.1	2527.9		-7	+1650	480,295	1,893,517	
86	1980		" "	" "	5.7	BH	-9.9	-15.6	2526.4		-8	+1980	480,294	1,893,847	
87	2310		74° 38'	" "	6.0	BH	-11.6	-17.6	2524.4		-9	+2310	480,293	1,894,177	
88	2640		" "	+15.6	5.8	BH	-13.2	-19.0	2523.0		-11	+2640	480,291	1,894,507	
89	2970		" "	" "	5.8	BH	-14.9	-20.7	2521.3		-12	+2970	480,290	1,894,837	
90	3300		" "	" "	6.0	BH	-16.5	-22.5	2519.5		-13	+3300	480,289	1,895,167	
91	3630		" "	" "	5.8	BH	-18.2	-24.0	2518.0		-15	+3630	480,287	1,895,497	
92	3960		" "	" "	6.0	BH	-19.8	-25.8	2516.2		-16	+3960	480,286	1,895,827	
93	4290		" "	" "	5.8	BH	-21.5	-27.3	2514.7		-17	+4290	480,285	1,896,157	

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DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE				
1-23-82		B. COCCAMP		M. KWAPP		6834		MPK Jm		4	7				
AREA		TOPO MAP		STATE		COUNTY		TWP	RANGE	PPM	PARTY MANAGER				
CALIFORNIA		LITTLE BUTTES		CALIFORNIA		LA./KERN					L. DAVIS				
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	COORDINATES		REMARKS		
											NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y	X
								2542.0							
94	4620		74° 38'	+15.6	6.0	BH	-23.1	-29.1	2512.9		-19	+4620	480,283	1,896,487	
95	4950		" "	" "	5.8	BH	-24.8	-30.6	2511.4		-20	+4950	480,282	1,896,817	
96	5184		74° 30' 31"	" "	5.7	BH	-25.9	-31.6	2510.4	1/2	-10	+5184	480,292	1,897,051	TRD NORTH. E.
96	5279.72		74° 37' 55"	+15.1	5.8	BH	-26.4	-32.2		TP	+25	+5280	480,327	1,897,145	E.O.M
96	5280				1.6	90° 20'	-30.7	-32.3	2509.7	TP	1				
	5279.99		253° 54' 05"-180°	+15.1	+8.3	TH	-26.4	-18.1		BS	+92	+5279			E.O.M
	5280				+125	89° 40'	-30.7	-18.2	2491.5	BS		-2			
97	4950		253° 54'	+15.1	7.0	TH	+24.8	+17.8	2509.3		-86	-4949	480,333	1,897,473	
98	4620		" "	" "	7.1	TH	+23.1	+16.0	2507.5		-81	-4619	480,333	1,897,803	
99	4290		" "	" "	7.1	TH	+21.5	+14.4	2505.9		-75	-4289	480,344	1,898,133	
100	3960		" "	" "	6.2	TH	+19.8	+13.6	2505.1		-69	-3959	480,350	1,898,463	
101	3630		" "	" "	7.1	TH	+18.2	+11.1	2502.6		-63	-3629	480,356	1,898,793	
102	3300		" "	" "	7.9	TH	+16.5	+8.6	2500.1		-58	-3300	480,361	1,899,122	
103	2970		" "	" "	7.7	TH	+14.9	+7.2	2498.7		-52	-2970	480,367	1,899,452	
104	2739		254° 07' 30"	+15.1	7.4	TH	+13.7	+6.3	2497.8	1/2	-37	-2739	480,382	1,899,683	TRD NORTH EL. 2497.0
104	2640		253° 54'	" "	7.4	TH	+13.2	+5.8	2497.3		-46	-2640	480,373	1,899,782	
105	2310		" "	" "	7.0	TH	+11.6	+4.6	2496.1		-40	-2310	480,379	1,900,112	
106	1980		" "	" "	6.9	TH	+9.9	+3.0	2494.5		-35	-1980	480,384	1,900,442	
107	1650		" "	" "	6.8	TH	+8.3	+1.5	2493.0		-29	-1650	480,390	1,900,772	

SURVEY NOTES-HIGH RESOLUTION DATA  
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
1-23-82		B. COTCAMP		M. KNAPP		6834		MPK Jm		4		8			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
CALIFORNIA		LITTLE BUTTES		CALIFORNIA		KERN/L.A.								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
									2491.5						
108	1320		253° 54'	+15.1°	6.4	TH	+6.6	+0.2		2491.7		-23	-1320	480,396	1,901,102
109	990		" "	" "	6.6	TH	+5.0	-1.6		2489.9		-17	-990	480,402	1,901,432
110	660		" "	" "	6.0	TH	+3.3	-2.7		2488.8		-12	-660	480,407	1,901,762
111	330		" "	" "	3.3	-		-3.3		2488.2		-6	-330	480,413	1,902,092
#	78		262° 52' 17"	" "	4.4	-		-4.4		2487.1	#	+11	-77	480,430	1,902,345
112	0				5.4	-		-5.4		2486.1	X	0	0	480,419	1,902,422
113	330		73° 54'	+15.1°	5.9	-		-5.9		2485.6		+6	+330	480,425	1,902,752
114	660		" "	" "	8.1	-		-8.1		2483.4		+12	+660	480,431	1,903,082
115	990		" "	" "	10.2	-		-10.2		2481.3		+17	+990	480,436	1,903,412
116	1320		" "	" "	11.9	-		-11.9		2479.6		+23	+1320	480,442	1,903,742
117	1650		" "	" "	13.0	-		-13.0		2478.5		+29	+1650	480,448	1,904,072
118	1980		" "	" "	4.6	BH	-9.9	-14.5		2477.0		+35	+1980	480,454	1,904,402
119	2310		" "	+15.1°	4.3	BH	-11.6	-15.9		2475.6		+40	+2310	480,459	1,904,732
#	2583		73° 36' 50"	" "	4.3	BH	-12.9	-17.2		2474.3	#	+58	+2582	480,477	1,905,004
120	2640		73° 54'	" "	4.3	BH	-13.2	-17.5		2474.0		+46	+2640	480,465	1,905,062
121	2970		" "	" "	4.4	BH	-14.9	-19.3		2472.2		+52	+2970	480,471	1,905,392
122	3300		" "	" "	4.5	BH	-16.5	-21.0		2470.5		+58	+3300	480,477	1,905,722
123	3630		" "	" "	4.0	BH	-18.2	-22.2		2469.3		+63	+3629	480,482	1,906,051
124	3960		" "	+15.1°	3.9	BH	-19.8	-23.7		2467.8		+69	+3959	480,488	1,906,381

HWAY, y=480,440  
LINE 716 EL. 2486.0  
x=1,902,350

y=480,465 x=1,904,995  
HWAY EL. 2474.0

SURVEY NOTES-HIGH RESOLUTION DATA  
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Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
1-23-82		B. COTCAMP		M. KNAPP		6834		MPK Jm		4		9			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
CALIFORNIA		LITTLE BUTTES		CALIFORNIA		KERN/LA.								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
									2491.5						
125	4290		73° 54'	+15.1	4.6	BH	-21.5	-26.1		2465.4		+75	+4289	480,494	1,906,711
126	4620		" "	" "	5.4	BH	-23.1	-28.5		2463.0		+81	+4619	480,500	1,907,641
127	4950		" "	" "	5.8	BH	-24.8	-30.6		2460.9		+86	+4949	480,505	1,907,371
#	5217		73° 47'	" "	15.0	70° 11' 15"	-17.1	-32.1		2459.4	#	+102	+5216	480,521	1,907,638
128	5279.97		73° 53' 42"	" "	15.0	90° 11' 26"	-17.6	-32.6		2458.9	TP	+93.1	+5279	480,513	1,907,699
128					5.8	90° 18' 12"	-28.0	-32.8			TP		-2		E.D.M.
	5609		255° 05' -180	+15.1	+5.6	TH	-28.0	-22.4	2436.5		BS	-18	+5609		E.D.M.
	5609				+13.3	89° 38'	-35.9	-22.6			BS	"	-2		
129	5280		255° 06'	+15.1	6.4	TH	+26.4	+20.0		2456.5		+18	-5280	480,514	1,908,026
130	4950		" "	" "	6.8	TH	+24.8	+18.0		2454.5		+17	-4950	480,513	1,908,356
131	4620		" "	" "	6.8	TH	+23.1	+16.3		2452.8		+16	-4620	480,512	1,908,686
132	4290		" "	" "	6.5	TH	+21.5	+15.0		2451.5		+15	-4290	480,511	1,909,016
133	3960		" "	" "	7.0	TH	+19.8	+12.8		2449.3		+14	-3960	480,510	1,909,346
134	3630		" "	" "	7.0	TH	+18.2	+11.2		2447.7		+13	-3630	480,509	1,909,676
135	3300		" "	+15.1	6.9	TH	+16.5	+9.6		2446.1		+12	-3300	480,508	1,910,016
136	2970		" "	" "	6.8	TH	+14.9	+8.1		2444.6		+10	-2970	480,506	1,910,346
#	2865		255° 20' 20"	" "	6.6	TH	+14.3	+7.7		2444.2	#	+22	-2865	480,518	1,910,441
137	2640		255° 06'	" "	6.4	TH	+13.2	+6.8		2443.3		+9	-2640	480,505	1,910,666
138	2310		" "	" "	6.5	TH	+11.6	+5.1		2441.6		+8	-2310	480,504	1,910,996

y-480,510 x-1,907,620

Way EL. 2460.0

y-480,515 x-1,910,470

Way EL. 2445.0

SURVEY NOTES-HIGH RESOLUTION DATA  
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Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE						
1-23-82		B. COTCAMP		M. KUAPP		6834		MPK Jm		4	10						
AREA		TOPO MAP		STATE		COUNTY		TWP	RANGE	PPM	PARTY MANAGER						
CALIFORNIA		LITTLE BUTTES		CAL.		KERN/L.A.					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		
									2436.5								
137	1980		255° 06'	+15.1°	6.0	TH	+9.9	+3.9		2440.4		+7	-1980	480,503	1,911,326		
140	1650		" "	" "	5.6	TH	+8.3	+2.7		2439.2		+6	-1650	480,502	1,911,656		
141	1320		" "	" "	5.4	TH	+6.6	+1.2		2437.7		+5	-1320	480,501	1,911,986		
142	990		" "	" "	5.8	TH	+5.0	-0.8		2435.7		+3	-990	480,499	1,912,316		
143	660		" "	" "	2.1	-		-2.1		2434.4		+2	-660	480,498	1,912,646		
144	330		" "	" "	3.8	-		-3.8		2432.7		+1	-330	480,497	1,912,976		
#	210		258° 15'	+15.1°	3.9	-		-3.9		2432.6	#	+12	-210	480,508	1,913,096	y-480,500 x-1,913,100 # EL 2433.0	
145	0				5.4	-		-5.4		2431.1	π	0	0	480,496	1,913,306		
146	330		75° 15'	+15.1°	6.4	-		-6.4		2430.1		-2	+330	480,494	1,913,636		
147	660		" "	" "	7.2	-		-7.2		2429.3		-4	+660	480,492	1,913,966		
148	990		" "	" "	8.4	-		-8.4		2428.1		-6	+990	480,490	1,914,296		
149	1320		" "	" "	9.7	-		-9.7		2426.8		-8	+1320	480,488	1,914,626		
150	1650		" "	" "	11.1	-		-11.1		2425.4		-10	+1650	480,486	1,914,956		
151	1980		" "	" "	12.6	-		-12.6		2423.9		-12	+1980	480,484	1,915,286		
152	2310		" "	+15.1°	2.6	BH	-11.6	-14.2		2422.3		-14	+2310	480,482	1,915,616		
#	2429		75° 01' 09"	" "	14.5	-		-14.5		2422.0	#	-5	+2429	480,491	1,915,735	y-480,510 RD NORTH x-1,915,730	
153	2640		75° 15'	" "	1.9	BH	-13.2	-15.1		2421.4		-16	+2640	480,480	1,915,946		
154	2970		" "	" "	7.7	90° 10'	-8.6	-16.3		2420.2		-18	+2970	480,478	1,916,276		
155	2300		" "	" "	8.0	90° 10'	-9.6	-17.6		2418.9		-20	+3300	480,476	1,916,606		

SURVEY NOTES-HIGH RESOLUTION DATA  
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Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
1-23-82		B. Cotcamp		M. Kwapp		6834		MPK Jm		4		11			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
CALIFORNIA		LITTLE BUTTES		CAL.		KERN/L.A.								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
									2436.5						
156	3630		75° 15'	+15.1°	8.1	90° 10'	-10.6	-18.7		2417.8		-22	+3630	480,474	1,916,936
157	3960		" "	" "	8.8	90° 10'	-11.5	-20.3		2416.2		-24	+3960	480,472	1,917,266
158	4290		75° 14' 56"	+14.8°	15.0	90° 04' 38"	-5.8	-20.8		2415.7	TP	-4	+4290	480,493	1,917,594 E.O.M.
158	4290				0.0	90° 16' 48"	-21.0	-21.0			TP				
	2971		255° 09' 39" - 180°	+14.8°	+12.1	TH	-14.9	-2.8	2412.9		BS	+2	+2971		E.O.M.
	2971		255° 10'		+5.8	89° 50'	-8.6	-2.8			BS				
159	2640		255° 10'	+14.8°	10.3	TH	+13.2	+2.9		2415.8		-2	-2640	480,494	1,917,924
160	2310		" "	" "	10.1	TH	+11.6	+1.5		2414.4		-1	-2310	480,495	1,918,254 y-480,515 x-1,918,360
161	2192		255° 25' 30"	" "	9.5	TH	+11.0	+1.5		2414.4	#	+9	-2192	480,505	1,918,372 Hwy EL. 2415.0
162	1980		255° 10'	" "	9.1	TH	+9.9	+0.8		2413.7		-1	-1980	480,495	1,918,584
162	1650		" "	" "	8.1	TH	+8.3	+0.2		2413.1		-1	-1650	480,495	1,918,914
163	1320		" "	" "	7.3	TH	+6.6	-0.7		2412.2		-1	-1320	480,495	1,919,244
164	990		" "	" "	6.2	TH	+5.0	-1.2		2411.7		-1	-990	480,495	1,919,574
165	660		" "	+14.8°	5.6	TH	+3.3	-2.3		2410.6		±0	-660	480,496	1,919,904
166	330		" "	" "	4.0	-		-4.0		2408.9		±0	-330	480,496	1,920,234
167	0				5.4	-		-5.4		2407.5	π	0	0	480,496	1,920,564
168	330		75° 04'	+14.8°	6.0	-		-6.0		2406.9		+1	+330	480,497	1,920,894
168	461		75° 42' 53"	" "	6.1	-		-6.1		2406.8	#	+12	+461	480,508	1,921,025 y-480,520 x-1,921,050 RD NORTH EL. 2406.0
169	660		75° 04'	" "	6.4	-		-6.4		2406.5		+2	+660	480,498	1,921,224

SURVEY NOTES-HIGH RESOLUTION DATA  
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Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
1-23-82		B. COFCAMP		M. KNAPP		6834		MKK Jm		4		12			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
CALIFORNIA		LITTLE BUTTES/ROSAMOND		CAL.		KERN/L.A.								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
									2412.9						
170	990		75° 04'	+14.8	8.4	-		-8.4		2404.5		+2	+990	480,498	1,921,554
171	1320		" "	" "	9.3	-		-9.3		2403.6		+3	+1320	480,499	1,921,834
172	1650		" "	" "	9.7	-		-9.7		2403.2		+4	+1650	480,500	1,922,214
173	1980		" "	" "	11.2	-		-11.2		2401.7		+5	+1980	480,501	1,922,544
174	2310		" "	+14.8	12.3	-		-12.3		2400.6		+5	+2310	480,501	1,922,874
175	2640		" "	" "	13.1	-		-13.1		2399.8		+6	+2640	480,502	1,923,204
176	2969.96		75° 03' 36"	" "	5.9	90° 10'	-8.6	-14.5		2398.4		+7	+2970	480,503	1,923,534
TP	3087		74° 52' 30"	+14.8	5.7	90° 10'	-9.0	-14.7		2398.2	TP	+18 <sub>+1</sub>	+3087	480,515	1,923,650
TP	3087				11.1	90° 04'	-3.6	-14.7			TP				
	5492		254° 54' 20" - 180	+15.2	+14.7	TH	-27.5	-13.3	2384.9		BS	-10	+5492		
	5492				+2.8	89° 50'	-16.0	-13.2			BS	+1			
177	5303		254° 49'	+15.2	9.2	89° 46'	+21.6	+12.4		2397.3		+2	-5303	480,508	1,923,839
178	4953		" "	" "	8.0	89° 46'	+20.2	+12.2		2397.1		+1	-4953	480,507	1,924,189
179	4623		" "	" "	7.8	89° 46'	+18.8	+11.0		2395.9		+1	-4623	480,507	1,924,519
180	4293		" "	" "	7.0	89° 46'	+17.5	+10.5		2395.4		+1	-4293	480,507	1,924,849
181	3963		" "	" "	8.0	89° 46'	+16.1	+8.1		2393.0		+1	-3963	480,507	1,925,179
182	3633		" "	+15.2	11.8	TH	+18.2	+6.4		2391.3		+1	-3633	480,507	1,925,509
183	3303		" "	" "	10.8	TH	+16.5	+5.7		2390.6		+1	-3303	480,507	1,925,839
184	2972		" "	" "	10.7	TH	+14.9	+4.2		2389.1		+1	-2972	480,507	1,926,170

IF 4 way EL 2398.0  
y-480.515 Horiz 3-5'  
x-1,923.650 CORP. X-16

LITTLE BUTTES  
ROSAMOND QUAD

SURVEY NOTES-HIGH RESOLUTION DATA  
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE								
1-24-82		B. Cotcamp		M. Knapp		6834		MPK Jm		4	13								
AREA		TOPO MAP		STATE		COUNTY		TWP	RANGE	PPM	PARTY MANAGER								
CALIFORNIA		ROSAMOND - 7 1/2		CALIF.		KERN / L.A.					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				
									2384.9										
Bm	2931		254° 24' 44"	+15.2°	10.2	TM	+14.7	+4.5		2389.4	Bm	-20	-2931	480,486	1,926,211				
±	2857		255° 01' 46"	"	10.5	TM	+14.3	+3.8		2388.7	±	+11	-2857	480,517	1,926,285				Y-480,510 X-1,926,240 T-RD NORTH
185	2640		254° 49'	"	10.7	TM	+13.2	+2.5		2387.4		+1	-2640	480,507	1,926,502				
186	2310		" "	"	9.1	TM	+11.6	+2.5		2387.4		+1	-2310	480,507	1,926,832				E.D.M.
187	1980		" "	"	8.9	TM	+9.9	+1.0		2385.9		+1	-1980	480,507	1,927,162				
188	1650		" "	+15.2	7.8	TM	+8.3	+0.5		2385.4		±0	-1650	480,506	1,927,492				
189	1320		" "	"	6.9	TM	+6.6	-0.3		2384.6		±0	-1320	480,506	1,927,822				
190	990		" "	"	6.0	TM	+5.0	-1.0		2383.9		±0	-990	480,506	1,928,152				
191	660		" "	"	6.3	TM	+3.3	-3.0		2381.9		±0	-660	480,506	1,928,482				
192	330		" "	"	5.8	TM	+1.7	-4.1		2380.8		±0	-330	480,506	1,928,812				
±	205		258° 33' 58"	+15.2°	4.4	-		-4.4		2380.5	±	+13	-205	480,519	1,928,937				Y-480,500 X-1,928,900 4-DAY 1ST.
193	0				5.4	-		-5.4		2379.5	±	0	0	480,506	1,929,142				
Bm	185		238° 50' 24"	+15.2°	3.4	-		-3.4		2381.5	Bm	-51	-178	480,455	1,928,964				
194	330		74° 45'	"	5.6	-		-5.6		2379.3		±0	+330	480,506	1,929,472				
195	660		" "	"	6.2	-		-6.2		2378.7		+1	+660	480,507	1,929,802				
196	990		" "	"	7.7	-		-7.7		2377.2		+1	+990	480,507	1,930,132				
197	1320		" "	"	8.6	-		-8.6		2376.3		+1	+1320	480,507	1,930,462				
198	1650		" "	+15.2°	9.0	-		-9.0		2375.9		+1	+1650	480,507	1,930,792				
199	1980		" "	"	10.0	-		-10.0		2374.9		+2	+1980	480,508	1,931,122				

SURVEY NOTES-HIGH RESOLUTION DATA  
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
1-25-82		B. Gtcamp		M. KNAPP		6834		MPK gm		H		14			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
CALIFORNIA		ROSAMOND		CALIF.		KERN/L.A.								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
									2384.9						
200	2310		74° 44' 42"	+15.2°	11.7	-		-11.7		2373.2		+2	+2310	480,508	1,931,452
201	2640		" "	"	13.0	-		-13.0		2371.9		+2	+2640	480,508	1,931,782
202	2970		" "	"	5.8	90° 10'	-8.6	-14.4		2370.5		+3	+2970	480,509	1,932,112
203	3300		" "	"	5.8	90° 10'	-9.6	-15.4		2369.5		+3	+3300	480,509	1,932,442
204	3630		" "	"	6.0	90° 10'	-10.6	-16.6		2368.3		+3	+3630	480,509	1,932,772
205	3960		" "	+15.2°	6.2	90° 10'	-11.5	-17.7		2367.2		+3	+3960	480,509	1,933,102
206	4290		" "	"	6.2	90° 10'	-12.5	-18.7		2366.2		+4	+4290	480,510	1,933,432
207	4620		" "	"	6.1	90° 10'	-13.4	-19.5		2365.4		+4	+4620	480,510	1,933,762
208	4950		" "	"	6.5	90° 10'	-14.4	-20.9		2364.0		+4	+4950	480,510	1,934,092
BM	5043		75° 06' 22"	"	6.8	90° 10'	-14.7	-21.5		2363.4	BM				
TP	5094		74° 37' 02"	"	6.6	90° 10'	-14.8	-21.4		2363.5	TP	+16	+5094	480,522	1,934,236
209	5279		74° 44' 05"	+15.2°	6.8	90° 10'	-15.4	-22.2		2362.7	TP	+6	+5279	480,513	1,934,421
209	5279				13.0	90° 06'	-9.2	-22.2			TP				
	5280.06		254° 55' 12"-180	+15.2°	+14.2	TH	-26.4	-12.2	2350.5		BS	-11	+5280		E.P.M
	5280				+9.4	89° 46'	-21.5	-12.1			BS	+1			
210	4950		254° 55'	+15.2°	9.1	89° 46'	+20.1	+11.0		2361.5		+10	-4950	480,513	1,934,751
211	4620		" "	"	9.6	89° 46'	+18.8	+9.2		2359.7		+9	-4620	480,512	1,935,081
212	4290		" "	"	13.4	TH	+21.5	+8.1		2358.6		+9	-4290	480,512	1,935,411
213	3960		" "	"	13.0	TH	+19.8	+6.8		2357.3		+8	-3960	480,511	1,935,741

V-480300 X-1924, 225  
E.O.M. 4-WAY INST.

SURVEY NOTES-HIGH RESOLUTION DATA  
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
1-25-82		B. Cotcamp		M. Knapp		6834		MPK YR		4		15			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
CALIFORNIA		ROSAMOND		CALIF.		KERN/L.A.								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
									2350.5						
214	3630		254° 55'	+15.2°	12.6	TH	+18.2	+5.6		2356.1		+7	-3630	480,510	1,936,071
215	3300		" "	"	12.8	TH	+16.5	+3.7		2354.2		+7	-3300	480,510	1,936,401
216	2970		" "	"	12.3	TH	+14.9	+2.6		2353.1		+6	-2970	480,509	1,936,731
⚡	2847		255° 08' 44"	"	11.7	TH	+14.2	+2.5		2353.0	⚡	+17	-2847	480,520	1,936,854 Y-480,495 X-1,936,845 4-WAY INST.
217	2640		254° 55'	"	11.3	TH	+13.2	+1.9		2352.4		+5	-2640	480,508	1,937,061
218	2310		" "	+15.2°	10.2	TH	+11.6	+1.4		2351.9		+5	-2310	480,508	1,937,391
219	1980		" "	"	9.0	TH	+9.9	+0.9		2351.4		+4	-1980	480,507	1,937,721
220	1650		" "	"	8.1	TH	+8.3	+0.2		2350.7		+3	-1650	480,506	1,938,051
221	1320		" "	"	7.3	TH	+6.6	-0.7		2349.8		+3	-1320	480,506	1,938,381
222	990		" "	"	7.0	TH	+5.0	-2.0		2348.5		+2	-990	480,505	1,938,711
223	660		" "	+15.2°	6.3	TH	+3.3	-3.0		2347.5		+1	-660	480,504	1,939,041
224	330		" "	"	6.0	TH	+1.7	-4.3		2346.2		+1	-330	480,504	1,939,371
Bm	265		248° 32' 28"	"	5.4	-		-5.4		2345.1	Bm				
⚡	191		257° 57' 30"	"	4.7	-		-4.7		2345.8	⚡	+11	-191	480,514	1,939,510 Y-480,490 X-1,939,480 4-WAY INST.
225	0				5.4	-		-5.4		2345.1	π	0	0	480,503	1,939,701
226	330		74° 12'	+15.2°	5.8	-		-5.8		2344.7		+3	+330	480,506	1,940,031
227	660		" "	"	6.7	-		-6.7		2343.8		+7	+660	480,510	1,940,361
228	990		" "	"	8.0	-		-8.0		2342.5		+10	+990	480,513	1,940,691
229	1320		" "	"	9.2	-		-9.2		2341.3		+14	+1320	480,517	1,941,021

SURVEY NOTES-HIGH RESOLUTION DATA  
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
1-28-82		B. Cotcamp		M. Knapp		6834		MPK Jrr		4		16			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
CALIF.		ROSAMOND		CALIF.		KERN/L.A.								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
									2350.5						
230	1650		74° 12'	+15.2°	9.7	-	-9.7		2340.8			+17	+1650	480,520	1,941,351
231	1980		" "	"	10.6	-	-10.6		2339.9			+21	+1980	480,524	1,941,681
232	2310		" "	"	11.8	-	-11.8		2338.7			+24	+2310	480,527	1,942,011
233	2640		" "	"	13.2	-	-13.2		2337.3			+28	+2640	480,531	1,942,341
234	2970		" "	"	5.6	90° 10'	-8.6	-14.2	2336.3			+31	+2970	480,534	1,942,671
235	3300		" "	+15.2°	5.9	90° 10'	-9.6	-15.5	2335.0			+35	+3300	480,538	1,943,001
236	3630		" "	"	5.9	90° 10'	-10.6	-16.5	2334.0			+38	+3630	480,541	1,943,331
237	3960		" "	"	5.9	90° 10'	-11.5	-17.4	2333.1			+41	+3960	480,544	1,943,661
238	4290		74° 12'	"	6.2	90° 10'	-12.5	-18.7	2331.8			+45	+4290	480,548	1,943,991
239	4620		" "	"	7.0	90° 10'	-13.4	-20.4	2330.1			+48	+4620	480,551	1,944,321
240	4950		" "	+15.2°	6.8	90° 10'	-14.4	-21.2	2329.3			+52	+4950	480,555	1,944,651
#	5114		74° 05' 02"	"	6.5	90° 10'	-14.9	-21.4	2329.1	#		+64	+5114	480,557	1,944,815
241	5279.85		74° 11' 50"	"	6.7	90° 10'	-15.4	-22.1	2328.4	TP		+56	+5280	480,560	1,944,981
241	5280				12.9	90° 06'	-9.2	-22.1			TP				
	160				+5.6	-		+5.6	2334.0		BS				
	160				+4.8	BH	+0.8	+5.6			BS				
π	0				5.4	-		-5.4			T	0	0		
Bm	55				5.2	-		-5.2		2328.8	Bm				BENCH MARK - EL. 2329

4-480,570 X-1,944,800  
4-WAY INST.

SURVEY NOTES-HIGH RESOLUTION DATA  
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
1-26-82		B. COFCAMP		M. KWAPP		6834		MPK Jfr		4		17			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
CALIFORNIA				CAL.		KERN/LA.								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
	1980		254° 28' 30" - 180°	+15.2°	+9.1	TH	-9.9	-0.8	2321.6	2328.4	BS	+11	+1980		E.D.M. on 241
	1980				+4.9	88° 50'	-5.8	-0.9			BS	+1			
242	1650		254° 29'	+15.2°	8.7	TH	+8.3	-0.4		2327.2		-9	-1650	480,563	1,945,311
243	1320		" "	"	8.2	TH	+6.6	-1.6		2326.0		-7	-1320	480,565	1,945,611
244	990		" "	"	7.6	TH	+5.0	-2.6		2325.0		-5	-990	480,567	1,945,971
245	660		" "	"	6.3	TH	+3.3	-3.0		2324.6		-4	-660	480,568	1,946,301
246	336		" "	"	4.1	-		-4.1		2323.5		-2	-330	480,570	1,946,631
247	0				5.4	-		-5.4		2322.2	TP	0	0	480,572	1,946,961
248	330		74° 43'	+15.2°	6.2	-		-6.2		2321.4		+0	+330	480,572	1,947,291
249	660		" "	"	6.9	-		-6.9		2320.7		+1	+660	480,573	1,947,621
BM	811		75° 49' 47"	"	7.8	-		-7.8		2319.8	BM	-15	+811	480,557	1,947,772
250	990		74° 43'	"	8.0	-		-8.0		2319.6		+1	+990	480,573	1,947,951
251	1320		" "	"	6.1	TH	+6.6	+0.5		2328.1		+2	+1320	480,574	1,948,281
252	1650		" "	+15.2°	5.2	89° 26'	+16.3	+11.1		2338.7		+2	+1650	480,574	1,948,611
2534	2309		74° 43' 28"	+14.9°	8.2	89° 26'	+22.8	+14.6		2342.2	TP	+15	+2309	480,588	1,949,269
2534	2309				5.5	89° 30'	+20.2	+14.7			TP	+1	-1		E.D.M.
	3959		254° 10' 58" - 180°	+14.9°	+5.1	89° 30'	-34.6	-29.5	2312.7		BS	+63	+3958		E.D.M.
	3959				+11.9	89° 24'	-41.5	-29.6			BS	+1	-1		
255	3630		254° 11'	+14.9°	4.2	89° 38'	+23.2	+19.0		2331.7		-58	-3630	480,594	1,949,596

#-480,570 X-1,947,740  
Elev. 2320.0 Benchmark

SURVEY NOTES-HIGH RESOLUTION DATA

GEO-445

Geosource Inc.

DATE 1-26-82	INSTRUMENT MAN B. COFCAMP	ROD MAN M. KNAPP	PARTY NUMBER 6834	NOTES CHECKED BY MPK Jm	LINE NO. 4	PAGE 18
AREA CALIFORNIA	TOPO MAP ROSAMOND - 7 1/2'	STATE CAL.	COUNTY KERN/L.A.	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.	
									2312.7					
256	3300		254° 11'	+14.9°	11.8	TH	+16.5	+4.7		2317.4		-53	-3300	480,599 1,949,926
257	3042		254° 38' 42"	"	13.3	TH	+15.2	+1.9		2314.6	≠	-24	-3042	480,628 1,950,184 V-480,610 X-1,950,785 TRD NORTH
258	2970		254° 23'	"	13.0	TH	+14.9	+1.9		2314.6		-37	-2970	480,615 1,950,256
259	2646		" "	"	12.0	TH	+13.2	+1.2		2313.9		-33	-2640	480,619 1,950,586
260	2310		" "	"	11.1	TH	+11.6	+0.5		2313.2		-29	-2310	480,623 1,950,916
261	1980		" "	"	10.0	TH	+9.9	-0.1		2312.6		-29	-1980	480,627 1,951,246
262	1650		" "	"	9.2	TH	+8.3	-0.9		2311.8		-21	-1650	480,631 1,951,576
263	1320		" "	"	8.3	TH	+6.6	-1.7		2311.0		-17	-1320	480,635 1,951,906
264	990		254° 23'	+14.9°	7.6	TH	+5.0	-2.6		2310.1		-12	-990	480,640 1,952,236
265	660		" "	"	6.7	TH	+3.3	-3.4		2309.3		-8	-660	480,644 1,952,566
266	330		" "	"	6.0	TH	+1.7	-4.3		2308.4		-4	-330	480,648 1,952,896
267	0		" "	"	5.4	-		-5.4		2307.3	π	0	0	480,652 1,953,226
268	209		70° 43' 20"	+14.9°	4.2	-		-4.2		2308.5	≠	+16	+208	480,668 1,953,434 V-480,665 X-1,953,405 4 WAY INST.
269	330		74° 40'	"	4.1	-		-4.1		2308.6		+3	+330	480,655 1,953,556
270	660		" "	"	7.9	-		-7.9		2304.8		+5	+660	480,657 1,953,886
271	990		" "	"	8.1	-		-8.1		2304.6		+7	+990	480,659 1,954,216
272	1320		" "	"	9.6	-		-9.6		2303.1		+10	+1320	480,662 1,954,546
273	1650		73° 28'	"	10.8	-		-10.8		2301.9		+47	+1650	480,699 1,954,876
274	1980		" "	+14.9°	10.8	-		-10.8		2301.9		+56	+1979	480,708 1,955,205

SURVEY NOTES-HIGH RESOLUTION DATA  
GEO-445

Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE					
1-26-82		B. COTCAMP		M. KNAPP		6834		MPK <i>lm</i>		4	19					
AREA		TOPO MAP		STATE		COUNTY		TWP	RANGE	PPM	PARTY MANAGER					
CALIFORNIA		RosArmond		CAL.		KERN/L.A.					L. DAVIS					
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	NORTH + SOUTH -	EAST + WEST -	COORDINATES		REMARKS	
											LAT.	DEP.	Y	X		
								2312.7								
273	2310		73° 58'	+14.9°	11.2	-	-11.2		2301.5		+46	+2310	480,698	1,955,536		
274	2646		74° 06'	"	12.1	-	-12.1		2300.6		+46	+2640	480,698	1,955,866		
275	2970		74° 12'	"	12.3	-	-12.3		2300.4		+47	+2970	480,699	1,956,196		
276	3294		74° 16' 14"	+14.9°	12.7	-	-12.7		2300.0	TP	+48	+3294	480,701	1,956,519	E.O.M.	
276	3294				3.0	90° 10'	-9.6	-12.6			TP					
	2311		255° 34' 12" 180°	+14.9°	4.4	TH	-11.6	+0.12	2300.1	BS	-19	+2311				
	2311				+6.8	89° 50'	-6.7	+0.1		BS	+1	-				
277	1980		255 34'	+14.9°	11.8	TH	+9.9	-1.1	2299.0		+16	-1980	480,699	1,956,849		
278	1650		" "	"	10.0	TH	+8.3	-1.7	2298.4		+13	-1650	480,696	1,957,179		
279	1320		" "	"	9.0	TH	+6.6	-2.4	2297.7		+11	-1320	480,694	1,957,509		
280	990		" "	"	8.1	TH	+5.0	-3.1	2297.0		+8	-990	480,691	1,957,839		
281	660		" "	"	7.0	TH	+3.3	-3.7	2296.4		+5	-660	480,688	1,958,169		
282	330		" "	"	4.8	-		-4.8	2295.3		+3	-330	480,686	1,958,499		
283	0				5.4	-		-5.4	2294.7	TP	0	0	480,683	1,958,829		
284	330		75° 34'	+14.9°	7.4	-		-7.4	2292.7		-3	+330	480,680	1,959,159		
285	660		" "	"	7.9	-		-7.9	2292.2		-5	+660	480,678	1,959,489		
286	990		" "	"	8.0	-		-8.0	2292.1		-8	+990	480,675	1,959,819		
287	1320		" "	"	8.0	-		-8.0	2292.1		-11	+1320	480,672	1,960,149		
288	1650		" "	"	8.5	-		-8.5	2291.6		-13	+1650	480,670	1,960,479		

SURVEY NOTES-HIGH RESOLUTION DATA  
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Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE				
1-26-82		B. Cotcamp		M. Knapp		6834		MPK Jm		4		20				
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER		
CALIF.		ROSAMOND - 7 1/2		CALIF.		KERN / L.A.								L. DAVIS		
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	COORDINATES		REMARKS		
												NORTH + SOUTH - LAT.	EAST + WEST - DEP.		Y	X
									2300.1							
289	1980		75° 34'	+14.9	7.5	-		-7.5		2292.6		-16	+1980	480,667	1,960,809	LINETIE
TP	2107		75° 29' 18"	+14.9	7.8	-		-7.8		2292.3	#	-14	+2107	480,670	1,960,935	4WAY INT. EL. 2299.0
TP	2107				5.4	90° 04'	-2.4	-7.8			#					Y-480,670 X-1,960,935
	2170		250° 35' 43" -180°	+14.9	+9.6	89° 36'	-15.1	-5.5	2286.8		BS	+170	+2163			HORR CORR. Y-+10
	2170				+13.4	89° 30'	-18.9	-5.5			BS		-4			X--5
290	1968		250° 07'	+14.9	10.7	TH	+9.8	-0.9		2285.9		-171	-1961	480,669	1,961,133	
291	1650		252° 55'	"	9.1	TH	+8.3	-0.8		2286.0		-63	-1649	480,777	1,961,445	
292	1320		" "	"	8.5	TH	+6.6	-1.9		2284.9		-50	-1319	480,790	1,961,775	
293	990		254° 55'	"	7.0	TH	+5.0	-2.0		2284.8		-3	-990	480,837	1,962,104	↑
294	660		" "	"	6.6	TH	+3.3	-3.3		2283.5		-2	-660	480,838	1,962,434	ROSAMOND QUAD
295	330		" "	"	5.5	TH	+1.7	-3.8		2283.0		-1	-330	480,839	1,962,764	ROSAMOND LAKE QUAD
296	0				5.4	-		-5.4		2281.4	X	0	0	480,840	1,963,094	↓
297	330		70° 22'	+14.9	8.9	-		-8.9		2277.9		+27	+329	480,867	1,963,423	
TBM	513		81° 06' 49"	"	7.8	-		-7.8		2279.0						
298	660		70° 22'	"	7.9	-		-7.9		2278.9		+54	+658	480,894	1,963,752	
299	990		" "	"	9.8	-		-9.8		2277.0		+82	+987	480,922	1,964,081	
300	1317		75° 15'	"	11.8	-		-11.8		2275.0		-3	+1317	480,837	1,964,411	
301	1645		75° 46'	"	12.0	-		-12.0		2274.8		-19	+1645	480,821	1,964,739	

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DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE			
1-27-82		B. Cotcamp		M. Kwapp		6834		MPK jfm		4		21			
AREA		TOPO MAP		STATE		COUNTY		TWP		RANGE		PPM		PARTY MANAGER	
CALIF.				CALIF.		KERN / L.A.								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
									2286.8						
302	1965		74° 32' 54"	+14.90	11.9	-		-11.9		2274.9	TP	+19	+1965	480,859	1,965,054 E.A.M.
302	1965				14.1	89° 56'	+2.3	-11.8			TP				
	3628		255° 11' 29" - 180°	+14.90	4.3	-		+4.3		2279.1	BS	-6	+3628		E.O.M.
	3628				12.6	89° 52'	-8.5	+4.1			BS				
303	3360		255° 16'	+14.90	4.8	-		-4.8		2274.3		+10	-3360	480,863	1,965,376
304	2970		254° 54'	"	5.1	-		-5.1		2274.0		-10	-2970	480,843	1,965,706
305	2640		" "	"	5.0	-		-5.0		2274.1		-9	-2640	480,844	1,966,036
306	2310		254° 11' 38"	"	5.0	-		-5.0		2274.1		-37	-2310	480,816	1,966,366
307	1980		" "	"	5.0	-		-5.0		2274.1		-31	-1980	480,822	1,966,696
308	1656		" "	+14.90	4.9	-		-4.9		2274.2		-26	-1650	480,827	1,967,026
309	1320		" "	"	4.9	-		-4.9		2274.2		-21	-1320	480,832	1,967,356
310	990		" "	"	4.9	-		-4.9		2274.2		-16	-990	480,837	1,967,686
311	660		" "	"	5.0	-		-5.0		2274.1		-10	-660	480,843	1,968,016
312	330		" "	"	5.1	-		-5.1		2274.0		-5	-330	480,848	1,968,346
313	0				5.4	-		-5.4		2273.7	TP	0	0	480,853	1,968,676
	291		74° 41'	+14.90	5.0	-		-5.0		2274.1					
314	330		74° 10'	"	5.3	-		-5.3		2273.8		+5	+330	480,858	1,969,006
315	660		" "	"	5.4	-		-5.4		2273.7		+11	+660	480,864	1,969,336
316	990		" "	"	5.5	-		-5.5		2273.6		+16	+990	480,869	1,969,666

SURVEY NOTES-HIGH RESOLUTION DATA  
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Geosource Inc.

DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.	PAGE					
1-27-82		B. COCCAMP		M. KWAPP		6834		MPK Jm		4	22					
AREA		TOPO MAP		STATE	COUNTY	TWP	RANGE	PPM	PARTY MANAGER							
CALIFORNIA				CALIFORNIA	KERN/L.A.				L. DAVIS							
STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	NORTH +	EAST +	COORDINATES		REMARKS
												SOUTH -	WEST -	Y	X	
												LAT.	DEP.			
									2279.1							
317	1320		74° 10'	+14.9°	5.8	-		-5.8		2273.3		+22	+1320	480,875	1,969,996	
318	1650		" "	"	5.9	-		-5.9		2273.2		+27	+1650	480,880	1,970,326	
319	1980		" "	"	5.9	-		-5.9		2273.2		+32	+1980	480,885	1,970,656	
320	2310		" "	"	5.9	-		-5.9		2273.2		+38	+2310	480,891	1,970,986	
321	2640		" "	"	6.0	-		-6.0		2273.1		+43	+2640	480,896	1,971,316	
322	2970		" "	"	6.1	-		-6.1		2273.0		+48	+2970	480,901	1,971,646	
SEC. CORN.	2980		74° 21' 25"	+14.9°	5.7	-		-5.7		2273.4		+39	+2980	480,892	1,971,656	Y-480,895 X 1,971,675 SECTION CORNER MARKER
323	3300		74° 10'	+14.9°	6.2	-		-6.2		2272.9		+54	+3300	480,907	1,971,976	
324	3630		74° 10' 25"	+15.1°	6.0	-		-6.0		2273.1	TP	+46	+3630	480,899	1,972,300	E.D.M.
324	3630				14.2	89° 52'	+8.5	-5.7			TP					
	3959		254° 49' 28" - 180°	+15.1°	+6.5	-		+6.5	2279.6		BS	+5	+3959			E.D.M.
	3959				+3.4	89° 54'	-6.9	+6.5			BS					
325	3630		254° 49'	+15.1°	6.8	-		-6.8		2272.8		-5	-3630	480,899	1,972,623	
326	3300		" "	"	6.7	-		-6.7		2272.9		-5	-3300	480,899	1,972,953	
327	2970		" "	"	6.4	-		-6.4		2273.2		-4	-2970	480,900	1,973,283	
328	2640		" "	"	6.3	-		-6.3		2273.3		-4	-2640	480,900	1,973,613	
329	2310		" "	"	6.2	-		-6.2		2273.4		-3	-2310	480,901	1,973,943	
330	1980		" "	"	5.9	-		-5.9		2273.7		-3	-1980	480,901	1,974,273	
SEC. MARK	1862		255° 08' 06"	+15.1°	5.1	-		-5.1		2274.5						

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DATE		INSTRUMENT MAN		ROD MAN		PARTY NUMBER		NOTES CHECKED BY		LINE NO.		PAGE		
1-27-82		B. COCCAMP		M. KWAPP		6834		MPK ym		4		23		
AREA		TOPO MAP		STATE		COUNTY		RANGE		PPM		PARTY MANAGER		
CALIFORNIA				CALIFORNIA		KERN/L.A.						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.	
									2279.6					
331	1650		254° 49'	+15.1°	5.7	-	-5.7		2273.9			-2	-1650	480,902 1,974,603
332	1320		" "	"	5.5	-	-5.5		2274.1			-2	-1320	480,902 1,974,933
333	990		" "	"	5.2	-	-5.2		2274.4			-1	-990	480,903 1,975,283
334	660		" "	"	5.1	-	-5.1		2274.5			-1	-660	480,903 1,975,593
335	330		" "	"	5.1	-	-5.1		2274.5			±0	-330	480,904 1,975,923
336	0				5.4	-	-5.4		2274.2	T		0	0	480,904 1,976,253
337	330		74° 50'	+15.1°	5.3	-	-5.3		2274.3			±0	+330	480,904 1,976,583
338	660		" "	"	5.2	-	-5.2		2274.4			+1	+660	480,905 1,976,913
Sec. mark	822		72° 11' 24"	"	4.8	-	-4.8		2274.8	Sec. cor.		+39	+821	480,943 1,977,074
339	990		72° 44'	"	5.2	-	-5.2		2274.4			+37	+989	480,941 1,977,242
340	1320		73° 22'	"	5.2	-	-5.2		2274.4			+35	+1320	480,939 1,977,573
341	1650		" "	+15.1°	5.3	-	-5.3		2274.3			+44	+1649	480,948 1,977,902
342	1980		73° 39'	"	5.4	-	-5.4		2274.2			+43	+1980	480,947 1,978,233
343	2310		" "	"	5.4	-	-5.4		2274.2			+50	+2309	480,954 1,978,562
344	2640		73° 40'	"	5.3	-	-5.3		2274.3			+57	+2639	480,961 1,978,892
345	2970		" "	"	5.3	-	-5.3		2274.3			+64	+2969	480,968 1,979,222
346	3300		73° 42'	"	5.2	-	-5.2		2274.4			+69	+3299	480,973 1,979,552
347	3630		73° 44' 28"	+15.1°	4.8	-	-4.8		2274.8					
			73° 49'	"	5.5	-	-5.5		2274.1			+69	+3629	480,973 1,979,882

V-480,950X-1,977,095 SECTION MARKER

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DATE <b>1-27-82</b>		INSTRUMENT MAN <b>B. COTCAMP</b>		ROD MAN <b>M. KWAPP</b>		PARTY NUMBER <b>6834</b>		NOTES CHECKED BY <b>MPK Jm</b>		LINE NO. <b>4</b>		PAGE <b>24</b>	
AREA <b>CALIFORNIA</b>		TOPO MAP		STATE <b>CALIFORNIA</b>		COUNTY <b>KERN/L.A.</b>		RANGE		PPM		PARTY MANAGER <b>L. DAVIS</b>	

STATION NO.	SLOPE DISTANCE	PLOTTING DISTANCE	AZIMUTH FROM MAGNETIC NORTH	DEC	ROD READING	VERTICAL ANGLE	VERTICAL CHANGE	DIFFERENCE IN ELEVATION	ELEVATION OF INSTRUMENT	ELEVATION OF STATION	BS X TP	NORTH + SOUTH -		EAST + WEST -		COORDINATES		REMARKS	
												LAT.	DEP.	Y	X				
									2279.6										
348	3957		73° 52'	+15.1°	5.6	-		-5.6		2274.0	TP	+71	+3956	480,975	1,980,203			E.D.M.	
BS	2243		254° 13' 46" - 180°	"	+5.4	-		+5.4	2279.4		BS	+26	+2243	481,000	1,982,440				
π	0				5.4	-		-5.4		2274.0	π	0 <sup>-1</sup>	0 <sup>-6</sup>					SECTION CORNER	
π	0				4.8	-		-4.8		2274.6	sec. cor.							ELEV. 2774.0 Y-481,000 X-1,982,440 Horr Corr X--39 Y--1	