6

City Park Contours

City Engineers Office
City Hall, San Diego, Cal.

160

400

LEVEL

F.B. 160

160

Table showing the difference of latitude and departure in running 80 chains at any course from 1 to 60 minutes.

Minutes	Lks.	Minutes	Lks.	Minutes	Lks.
1	2⅓	21	49	41	95⅔
2	4⅔	22	51⅓	42	98
3	7	23	53⅔	43	100⅓
4	9⅓	24	56	44	102⅔
5	11⅔	25	58⅓	45	105
6	14	26	60⅔	46	107⅓
7	16⅓	27	63	47	109⅔
8	18⅔	28	65⅓	48	112
9	21	29	67⅔	49	114⅓
10	23⅓	30	70	50	116⅔
11	25⅔	31	72⅓	51	119
12	28	32	74⅔	52	121⅓
13	30⅓	33	77	53	123⅔
14	32⅔	34	79⅓	54	126
15	35	35	81⅔	55	128⅓
16	37⅓	36	84	56	130⅓
17	39⅔	37	86⅓	57	133
18	42	38	88⅔	58	135⅓
19	44⅓	39	91	59	137⅔
20	46⅔	40	93⅓	60	140

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TABLE FOR RUNNING ON SLOPES.

In the following table the first column shows the angle, the second the number of links to be added to a chain on the slopes, to make one chain, horizontal measurement.

MICROFILMED
DEC 7 1964

Angle	Cor. in Links	Angle	Cor. in Links	Angle	Cor. in Links	Angle	Cor. in Links
°		°		°		°	
4	0.24	11	1.88	18	5.14	25	10.54
5	0.38	12	2.24	19	5.76	26	11.26
6	0.55	13	2.63	20	6.42	27	12.24
7	0.76	14	3.06	21	7.11	28	13.37
8	0.98	15	3.53	22	7.85	29	14.34
9	1.24	16	4.02	23	8.64	30	15.47
10	1.55	17	4.56	24	9.47	35	22.07

160 No 6

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Contour Survey City Park

Contour Survey City Park
No 6

Con. from Book 4, page 159.

△ Pt. on Pound Canyon base line at L. 4+18

→ line produced Easterly

250 ft. Contour

13°00'	4°25' L.	1.55	147	✓
14°00'	2°50' R.	1.47	138	✓
14°35'	9°00' R.	1.42	133	✓
14°00'	17°30' R.	1.49	140	✓
12°40'	25°00' R.	1.64	138	✓
12°15'	28°45' R.	1.70	162	✓
11°25'	33°55' R.	1.78	171	✓
11°00'	36°45' R.	1.90	183	✓
→ 9°35'	39°40' R.	2.04	198	✓
9°15'	43°10' R.	2.13	207	✓
9°00'	46°30' R.	2.30	224	✓

at 2d step bank

Vertical	Horiz. Rod			
9°00'	48°35'R	2.37	229	✓
9°30'	51°18'R	2.29	222	✓
9°45'	54°00'R	2.08	202	✓
10°35'	60°20'R	1.93	186	✓
11°45'	65°00'R	1.73	167	✓
13°35'	72°00'R	1.59	150	✓
15°45'	80°25'R	1.41	130	✓
17°20'	84°25'R	1.24	112	✓
18°55'	92°40'R	1.12	100	✓
20°00'	103°40'R	1.09	97	✓
19°10'	110°17'R	1.07	95	✓
18°30'	114°55'R	1.11	100	✓
17°20'	119°00'R	1.20	109	✓
255 ft Contour				
18°00'	117°50'R	1.32	119	✓
19°20'	113°55'R	1.26	111	✓

20°10'	106°55'R	1.24	109	✓
20°00'	99°22'R	1.23	117	✓
19°30'	90°50'R	1.27	112	✓
17°30'	84°20'R	1.38	125	✓
15°35'	80°15'R	1.55	143	✓
14°00'	75°10'R	1.67	157	✓
13°00'	69°35'R	1.77	167	✓
12°35'	66°30'R	1.87	178	✓
11°45'	63°30'R	2.02	193	✓
10°45'	59°00'R	2.20	212	✓
10°10'	54°00'R	2.36	228	✓
9°30'	49°20'R	2.50	243	✓
9°30'	46°20'R	2.43	236	✓
10°30'	41°50'R	2.23	215	✓
11°00'	38°48'R	2.10	202	✓
12°00'	36°08'R	2.07	198	✓
12°15'	34°55'R	1.93	184	✓
13°00'	27°20'R	1.79	168	✓

15°00'	15°35' R	1.57	146	✓
15°30'	8°42' R	1.55	143	✓
15°00'	3°00' R	1.59	148	✓
14°20'	3°30' L	1.70	159	✓

260 ft. Bottom

15°30'	0°00'	1.77	164	✓
16°30'	6°15' R	1.68	154	✓
16°00'	13°25' R	1.67	156	✓
15°00'	20°05' R	1.77	165	✓
14°00'	27°15' R	1.90	178	✓
13°30'	32°00' R	1.96	183	✓
12°30'	34°45' R	2.17	206	✓
11°45'	39°30' R	2.26	216	✓
10°40'	43°40' R	2.52	243	✓
10°00'	46°10' R	2.77	268	✓
10°00'	50°00' R	2.70	261	✓
10°25'	53°38' R	2.53	244	✓

11°00'	58°50' R	2.40	231	✓
12°05'	63°42' R	2.22	210	✓
13°10'	68°15' R	2.11	200	✓
14°00'	74°00' R	1.90	178	✓
16°00'	80°35' R	1.70	157	✓
18°00'	85°50' R	1.50	135	✓
20°00'	95°00' R	1.37	120	✓
20°15'	105°25' R	1.40	133	✓
20°00'	111°15' R	1.43	136	✓
19°00'	116°55' R	1.49	133	✓

N. boundary of Park.

265 ft. Bottom

12°10'	104°15' L	2.53	241	✓
12°30'	98°22' L	1.38	131	✓
12°35'	95°10' L	2.30	219	✓
13°40'	86°35' L	2.18	205	✓
13°50'	83°05' L	2.18	205	✓

13°20'	77°00' L	2.30	217	✓
12°10'	72°00' L	2.42	231	✓
11°20'	66°15' L	2.67	256	✓
10°20'	61°07' L	2.84	274	✓
10°00'	59°50' L	3.00	290	✓

270 ft. Contour

11°00'	62°20' L	3.02	291	✓
11°00'	63°40' L	2.91	280	✓
12°25'	69°00' L	2.70	257	✓
12°30'	73°00' L	2.62	249	✓
13°30'	78°00' L	2.50	236	✓

△ Pt. on Pound Canyon base line at Sta. 78

→ Sta. 73

175 ft. Contour

2°15'	20°07' R	1.52	152	✓

2°00'	22°05' R	1.78	178	✓
2°00'	25°35' R	2.14	214	✓
2°00'	22°35' R	2.57	257	✓
2°00'	12°20' R	2.40	240	✓
2°00'	3°50' R	2.34	234	✓
1°30'	2°18' L	2.60	260	✓
1°30'	4°48' L	2.93	293	✓
1°30'	3°15' L	3.24	324	✓
1°00'	4°15' L	3.64	364	✓
1°00'	8°00' L	3.93	393	✓

180 ft. Contour

0°30'	9°30' L	3.52	352	✓
0°30'	8°15' L	3.18	318	✓
0°30'	8°55' L	2.74	274	✓
1°00'	9°00' L	2.27	227	✓
1°00'	9°00' L	1.67	167	✓
1°00'	7°05' L	1.21	121	✓

1°00'	10°45' L.	0.95	95	✓
1°00'	9°05' R.	0.57	57	✓
1°00'	14°35' R.	0.39	39	✓

185 ft. Contour

0°15'	61°52' L.	0.80	80	✓
0°10'	39°45' L.	1.08	108	✓
0°00'	27°52' L.	1.41	141	✓
0°00'	20°55' L.	1.82	182	✓
0°00'	17°15' L.	2.23	223	✓
0°00'	15°40' L.	2.70	270	✓
0°00'	13°42' L.	3.04	304	✓
0°00'	12°35' L.	3.37	337	✓
0°00'	12°35' L.	3.47	347	✓

190 ft. Contour

1°00'	15°00' L.	3.48	348	✓
1°00'	17°45' L.	3.15	315	✓

1°00'	19°20' L.	2.77	277	✓
1°15'	22°50' L.	2.38	238	✓
1°30'	27°20' L.	1.98	198	✓
1°45'	35°20' L.	1.55	155	✓
2°00'	44°50' L.	1.32	132	✓
2°15'	59°15' L.	1.20	120	✓
2°00'	74°30' L.	1.40	140	✓
2°00'	93°55' L.	1.47	147	✓

195 ft. Contour.

2°45'	84°48' L.	2.98	298	✓
2°35'	83°00' L.	2.57	257	✓
3°00'	78°00' L.	2.13	213	✓
3°40'	74°25' L.	1.80	180	✓
3°40'	70°00' L.	1.60	160	✓
4°00'	63°20' L.	1.47	147	✓
4°00'	57°17' L.	1.43	143	✓
3°45'	44°50' L.	1.50	150	✓

3°15'	37°20' L.	1.78	178	✓
2°45'	32°00' L.	2.07	207	✓
2°30'	27°15' L.	2.47	247	✓
2°10'	24°18' L.	2.87	287	✓
2°00'	21°05' L.	3.22	322	✓
2°00'	17°00' L.	3.55	355	✓

200 ft. Contour.

2°30'	19°15' L.	3.63	363	✓
2°45'	21°48' L.	3.43	343	✓
3°00'	25°15' L.	3.15	315	✓
3°00'	27°55' L.	2.90	290	✓
3°30'	31°15' L.	2.52	252	✓
4°00'	35°00' L.	2.22	222	✓
4°30'	40°15' L.	1.90	190	✓
5°10'	46°40' L.	1.65	165	✓
5°30'	57°40' L.	1.58	158	✓
5°15'	63°00' L.	1.62	162	✓

4°45'	69°30' L.	1.80	180	✓
4°15'	74°30' L.	2.05	205	✓
3°40'	77°52' L.	2.37	237	✓
3°20'	80°40' L.	2.64	264	✓
3°00'	82°48' L.	3.02	302	✓
3°00'	84°55' L.	3.33	333	✓
2°45'	85°45' L.	3.57	357	✓
2°45'	85°55' L.	3.73	373	✓

205 ft. Contour

3°30'	87°55' L.	4.50	450	✓
3°30'	85°45' L.	4.22	422	✓
3°00'	84°45' L.	3.92	392	✓
3°30'	83°55' L.	3.70	370	✓
3°30'	84°00' L.	3.55	355	✓
3°45'	82°00' L.	3.23	323	✓
4°00'	80°00' L.	2.95	295	✓
4°30'	77°18' L.	2.62	262	✓

5°00'	74°30' L 2.31	229	✓
5°45'	70°15' L 2.05	202	✓
6°15'	63°15' L 1.78	175	✓
6°30'	53°35' L 1.78	175	✓
6°00'	46°35' L 1.90	187	✓
5°30'	41°50' L 2.11	209	✓
5°00'	38°25' L 2.30	227	✓
4°35'	35°15' L 2.49	249	✓
4°20'	32°45' L 2.73	273	✓
3°45'	29°15' L 3.03	303	✓
3°30'	26°30' L 3.31	331	✓
3°15'	22°30' L 3.55	355	✓
3°10'	21°00' L 3.68	368	✓

210 A Gatown

4°00'	23°30' L 3.78	378	✓
4°10'	25°40' L 3.54	354	✓
4°30'	29°05' L 3.32	332	✓

4°55'	32°20' L 3.09	309	✓
5°30'	34°38' L 2.96	294	✓
5°30'	36°40' L 2.68	266	✓
6°30'	42°25' L 2.27	224	✓
7°00'	48°00' L 2.08	204	✓
7°20'	52°20' L 1.97	193	✓
7°30'	56°30' L 1.93	189	✓
7°30'	61°40' L 2.00	196	✓
7°00'	66°18' L 2.17	213	✓
6°00'	70°45' L 2.38	235	✓
6°00'	74°00' L 2.58	255	✓
5°20'	77°08' L 2.87	284	✓
4°45'	78°55' L 3.14	314	✓
4°30'	81°25' L 3.38	338	✓
4°00'	82°25' L 3.60	360	✓
4°00'	82°30' L 3.88	388	✓
3°35'	84°10' L 4.18	418	✓

215 ft. Contour.

4°30'	81°45'L.	4.15	415	✓
4°45'	81°20'L.	3.96	396	✓
5°00'	80°05'L.	3.63	360	✓
5°20'	78°45'L.	3.34	331	✓
5°45'	76°30'L.	3.08	304	✓
6°20'	74°20'L.	2.83	280	✓
6°55'	70°35'L.	2.60	256	✓
7°30'	67°25'L.	2.39	234	✓
8°00'	62°37'L.	2.27	222	✓
8°00'	55°52'L.	2.20	215	✓
8°00'	51°00'L.	2.23	218	✓
7°30'	45°22'L.	2.38	233	✓
6°45'	41°15'L.	2.58	254	✓
6°15'	38°15'L.	2.87	283	✓
5°45'	36°10'L.	3.08	304	✓
5°35'	33°50'L.	3.20	316	✓
5°30'	31°45'L.	3.37	333	✓

5°00'	29°25'L.	3.50	347	✓
5°00'	26°55'L.	3.67	364	✓
4°50'	25°30'L.	3.84	384	✓

220 ft. Contour.

5°20'	27°08'L.	3.90	387	✓
5°30'	28°50'L.	3.71	368	✓
5°45'	31°22'L.	3.56	353	✓
6°10'	33°55'L.	3.38	335	✓
6°25'	36°30'L.	3.22	318	✓
6°50'	38°35'L.	3.11	306	✓
7°30'	41°00'L.	2.88	283	✓
7°35'	43°25'L.	2.72	267	✓
8°20'	47°12'L.	2.52	247	✓
8°45'	54°30'L.	2.38	232	✓
8°30'	59°30'L.	2.35	229	✓
8°20'	64°25'L.	2.43	237	✓
7°45'	68°08'L.	2.65	260	✓

7°15'	71°42'L	2.84	279	✓
6°55'	73°50'L	3.08	303	✓
6°15'	76°25'L	3.33	329	✓
6°00'	77°38'L	3.56	352	✓
5°30'	78°50'L	3.82	378	✓
5°15'	79°45'L	4.00	396	✓

225 ft. Contour

6°15'	79°52'L	3.90	385	✓
6°30'	77°10'L	3.68	362	✓
6°45'	74°50'L	3.44	339	✓
7°30'	72°05'L	3.18	311	✓
8°00'	70°30'L	3.07	301	✓
8°30'	67°55'L	2.93	286	✓
9°00'	63°25'L	2.61	254	✓
9°15'	59°50'L	2.53	246	✓
9°30'	55°47'L	2.50	243	✓
9°15'	51°40'L	2.57	250	✓

8°45'	47°30'L	2.68	261	✓
8°15'	44°25'L	2.83	277	✓
8°00'	43°01'L	3.05	299	✓
7°20'	39°25'L	3.27	321	✓
7°15'	36°40'L	3.38	332	✓
6°50'	33°42'L	3.57	351	✓
6°30'	31°15'L	3.74	369	✓
6°00'	28°35'L	4.00	395	✓

230 ft. Contour

6°46'	38°55'L	4.03	397	✓
7°10'	32°22'L	3.80	374	✓
7°25'	35°12'L	3.61	355	✓
7°35'	37°52'L	3.46	340	✓
8°25'	41°21'L	3.30	322	✓
8°55'	45°40'L	3.08	300	✓
9°30'	46°45'L	2.90	282	✓
9°35'	49°22'L	2.80	272	✓

10°00'	53°12'L	2.64	256	✓
10°15'	59°25'L	2.67	258	✓
10°00'	61°05'L	2.70	261	✓
9°30'	63°55'L	2.80	272	✓
9°00'	67°30'L	3.00	292	✓
8°15'	70°12'L	3.23	316	✓
7°50'	72°08'L	3.43	336	✓
7°30'	74°30'L	3.60	353	✓
7°15'	75°10'L	3.78	371	✓

235 ft Contour.

8°00'	73°25'L	3.80	372	✓
8°30'	70°30'L	3.51	343	✓
9°00'	68°15'L	3.30	321	✓
10°00'	65°22'L	3.10	300	✓
10°15'	62°15'L	2.92	282	✓
10°30'	59°25'L	2.82	272	✓
10°30'	56°10'L	2.74	268	✓

10°30'	52°22'L	2.85	275	✓
10°10'	49°30'L	2.95	285	✓
9°30'	46°20'L	3.10	301	✓
9°00'	43°00'L	3.32	323	✓
8°50'	40°30'L	3.46	337	✓
8°30'	38°00'L	3.60	352	✓
7°45'	34°55'L	3.75	368	✓
7°45'	33°15'L	3.92	384	✓
7°30'	32°40'L	4.05	398	✓

240 ft Contour.

8°00'	34°15'L	4.07	399	✓
8°45'	36°15'L	3.84	375	✓
9°00'	39°25'L	3.66	357	✓
9°25'	42°55'L	3.48	338	✓
10°00'	45°35'L	3.30	320	✓
10°45'	48°35'L	3.12	301	✓
11°00'	53°00'L	2.98	287	✓

11°05'	56°48'L.	2.96	284	✓
10°50'	61°45'L.	3.00	289	✓
10°10'	64°50'L.	3.23	315	✓
9°30'	67°35'L.	3.48	337	✓
9°00'	70°05'L.	3.65	356	✓
8°30'	71°38'L.	3.82	373	✓

245 ft. Contour.

9°25'	70°05'L.	3.80	369	✓
10°00'	67°35'L.	3.66	354	✓
10°30'	65°38'L.	3.47	335	✓
11°00'	62°10'L.	3.23	311	✓
10°30'	60°20'L.	3.13	302	✓
11°30'	58°40'L.	3.10	297	✓
11°30'	54°50'L.	3.07	294	✓
10°15'	50°35'L.	3.14	304	✓
11°00'	47°30'L.	3.30	317	✓
10°10'	44°55'L.	3.50	339	✓

10°00'	41°48'L.	3.66	354	✓
9°10'	38°40'L.	3.80	370	✓
8°45'	36°40'L.	4.10	400	✓

250 ft. Contour.

9°45'	38°30'L.	4.10	398	✓
10°00'	39°30'L.	3.93	381	✓
10°15'	41°40'L.	3.75	363	✓
10°30'	43°00'L.	3.67	354	✓ ?
11°20'	44°40'L.	3.43	329	✓
12°00'	51°20'L.	3.31	316	✓
12°10'	56°25'L.	3.25	310	✓
11°40'	61°00'L.	3.33	319	✓
11°15'	63°55'L.	3.47	333	✓
10°45'	65°25'L.	3.64	351	✓
10°15'	67°25'L.	3.85	372	✓

255 ft. Contour

10°50'	66°15'L	3.83	369	✓
11°30'	63°20'L	3.60	345	✓
12°10'	61°20'L	3.46	330	✓
12°30'	59°50'L	3.40	324	✓
12°30'	53°45'L	3.32	316	✓
12°00'	50°25'L	3.47	332	✓
11°40'	48°05'L	3.62	359	✓
11°10'	45°35'L	3.77	367	✓
11°00'	42°45'L	3.92	377	✓
10°25'	40°45'L	4.12	398	✓

260 ft. Contour

11°00'	42°45'L	4.25	408	✓
11°25'	45°00'L	3.95	378	✓
11°40'	47°00'L	3.83	367	✓
12°15'	49°10'L	3.76	359	✓
12°30'	51°20'L	3.60	343	✓

13°00'	56°35'L	3.53	335	✓
12°50'	59°45'L	3.60	342	✓
12°00'	62°12'L	3.78	361	✓
11°45'	64°15'L	3.90	373	✓

△ at Pt. on Pond Bayou baseline at Sta. 73
→ Sta. 80

170 ft. Contour

3°00'	173°10'R	1.16	116	✓
3°00'	154°40'R	0.92	92	✓
3°00'	118°25'R	0.62	62	✓
3°00'	88°00'R	0.69	69	✓
2°45'	71°55'R	1.01	101	✓
2°00'	58°00'R	0.88	88	✓
1°30'	46°25'R	0.64	64	✓
1°30'	37°20'R	0.49	49	✓
1°30'	29°00'R	0.62	62	✓

2°00'	43°00'R	0.83	83	✓
2°30'	49°55'R	0.98	98	✓
2°30'	62°25'R	1.24	124	✓
2°00'	67°25'R	1.37	137	✓
2°30'	73°40'R	1.35	135	✓
2°30'	82°55'R	1.34	134	✓
2°30'	85°00'R	1.20	120	✓
2°30'	95°45'R	1.05	105	✓
3°00'	110°15'R	0.93	93	✓

175 ft. Contour.

1°00'	33°15'R	1.15	115	✓
1°00'	45°30'R	1.21	121	✓
1°20'	59°15'R	1.26	126	✓
1°30'	64°45'R	1.34	134	✓
1°30'	71°45'R	1.37	137	✓
1°30'	77°00'R	1.38	138	✓
1°00'	82°20'R	1.58	158	

1°00'	96°00'R	1.35	135	✓
1°00'	92°50'R	1.18	118	✓
1°00'	101°05'R	1.09	109	✓
1°00'	109°15'R	1.10	110	✓

180 ft. Contour.

0°10'	109°00'R	1.23	123	✓
0°30'	101°45'R	1.22	122	✓
0°30'	96°10'R	1.25	125	✓
0°30'	88°40'R	1.41	141	✓
0°30'	85°35'R	1.70	170	✓
0°30'	83°05'R	1.93	193	✓
0°00'	78°10'R	1.76	176	✓
0°15'	73°00'R	1.46	146	✓
0°00'	66°00'R	1.41	141	✓
0°00'	56°00'R	1.37	137	✓
0°00'	46°40'R	1.38	138	✓
0°00'	37°00'R	1.40	140	✓

0°00'	25°50'R	1.50	150	

185 ft. Contour

1°45'	30°05'R	1.63	163	✓
2°30'	39°20'R	1.53	153	✓
2°30'	49°30'R	1.45	145	✓
3°00'	57°40'R	1.42	142	✓
2°45'	64°30'R	1.46	146	✓
2°30'	71°10'R	1.60	160	✓
2°30'	75°55'R	1.84	184	✓
3°30'	79°15'R	2.17	217	✓
1°45'	83°45'R	2.50	250	✓
2°00'	85°10'R	2.22	222	✓
2°00'	86°50'R	1.96	196	✓
2°00'	88°20'R	1.68	168	✓
2°15'	92°10'R	1.49	149	✓
2°20'	97°00'R	1.36	136	✓
2°30'	104°00'R	1.33	133	✓

2°30'	108°52'R	1.33	133	✓

3/13/03 Alverson
McLaren
Anginiola
Race

△ Pt on Pound Canyon base line at M1+65

→ Line produced

190 ft. Contour

2°00'	121°30'R	1.17	117	✓
1°45'	117°52'R	1.00	100	✓
1°30'	113°55'R	0.90	90	✓
1°30'	103°00'R	0.83	83	✓
1°30'	85°50'R	0.85	85	✓
1°30'	70°10'R	0.93	93	✓
1°15'	61°20'R	1.02	102	✓
1°15'	54°45'R	1.17	117	✓
1°10'	46°52'R	1.50	150	✓

1°15′	45°30′R	1.28	128	✓
1°30′	42°35′R	1.00	100	✓
1°45′	41°47′R	0.79	79	✓
1°40′	46°00′R	0.50	50	✓
1°30′	61°10′R	0.20	20	✓
0°00′	134°30′R	0.07	7	✓
0°00′	128°45′L	0.10	10	✓
1°30′	121°50′L	0.23	23	✓
1°30′	110°50′L	0.39	39	✓
1°30′	107°10′L	0.58	58	✓
0°00′	100°30′L	0.73	73	✓
0°00′	98°10′L	0.97	97	✓
195 ft. Contour.				
2°30′	93°20′L	0.81	81	✓
2°30′	95°00′L	0.53	53	✓
2°30′	92°25′L	0.36	36	✓
2°30′	90°35′L	0.21	21	✓

0°00′	9°10′L	0.10	10	✓
2°30′	28°15′R	0.29	29	✓
2°30′	31°05′R	0.58	58	✓
2°45′	29°25′R	0.84	84	✓
2°45′	37°30′R	1.10	110	✓
1°40′	38°40′R	1.47	147	✓
1°00′	44°40′R	1.76	176	✓
1°00′	45°40′R	1.85	185	✓
1°00′	49°35′R	1.65	165	✓
1°00′	51°55′R	1.46	146	✓
1°15′	58°00′R	1.23	123	✓
1°30′	63°35′R	1.10	110	✓
1°30′	73°15′R	1.03	103	✓
1°10′	87°35′R	0.97	97	✓
1°00′	100°20′R	0.93	93	✓
1°00′	109°55′R	1.00	100	✓
1°00′	114°45′R	1.10	110	✓
1°00′	116°40′R	1.23	123	✓

Vertical	Horiz.	Rod		
200 ft. Contour.				
2°30′	110°45′R	1.30	130	✓
2°20′	102°00′R	1.13	113	✓
2°30′	90°35′R	1.09	109	✓
2°30′	78°00′R	1.12	112	✓
2°30′	70°38′R	1.19	119	✓
2°15′	61°25′R	1.34	134	✓
2°15′	55°00′R	1.53	153	✓
2°00′	49°45′R	1.84	184	✓
2°00′	48°45′R	2.10	210	✓
2°00′	46°35′R	2.24	224	✓
2°00′	43°25′R	2.04	204	✓
2°00′	41°00′R	1.94	194	✓
2°00′	39°55′R	1.72	172	✓
2°20′	34°45′R	1.53	153	✓
2°00′	32°25′R	1.26	126	✓
3°00′	29°15′R	1.04	104	✓
5°40′	20°30′R	0.93	92	✓
5°15′	22°08′R	0.70	69	✓
7°15′	20°10′R	0.53	52	✓
10°40′	10°25′R	0.37	35	✓
11°00′	12°05′L	0.26	25	✓
12°30′	5°25′L	0.26	24	✓
8°00′	7°30′L	0.48	47	✓
6°10′	8°20′L	0.72	71	✓
205 ft. Contour.				
10°00′	13°20′L	0.71	68	✓
12°15′	6°55′L	0.52	49	✓
16°50′	5°20′L	0.40	36	✓
16°00′	3°30′L	0.37	34	✓
12°00′	4°00′R	0.49	44	✓
9°20′	14°45′R	0.70	68	✓
9°35′	12°25′R	0.96	93	✓
4°30′	24°35′R	1.25	125	✓

4°30'	29°55'R	1.58	158	✓
3°00'	36°00'R	1.84	184	✓
2°45'	40°45'R	2.09	209	✓
2°45'	43°45'R	2.30	230	✓
2°45'	46°55'R	2.55	255	✓
2°30'	49°00'R	2.33	233	✓
3°25'	51°48'R	2.13	213	✓
3°00'	54°40'R	1.91	191	✓
3°30'	58°25'R	1.58	158	✓
5°00'	64°35'R	1.38	137	✓
5°00'	74°10'R	1.26	125	✓
4°30'	83°30'R	1.20	120	✓
4°30'	96°12'R	1.21	121	✓
4°00'	104°35'R	1.37	137	✓

210 ft. Contour

6°00'	99°55'R	1.46	144	✓
6°30'	93°-'R	1.39	137	✓
6°30'	84°30'R	1.33	131	✓
6°15'	73°55'R	1.39	137	✓
6°00'	65°15'R	1.50	148	✓
5°10'	60°55'R	1.70	168	✓
4°45'	54°00'R	1.97	197	✓
5°00'	54°35'R	2.15	214	✓
4°00'	50°50'R	2.40	240	✓
3°45'	49°30'R	2.68	268	✓
3°00'	47°40'R	2.81	281	✓
3°30'	43°10'R	2.63	263	✓
4°00'	41°30'R	2.52	252	✓
4°00'	40°50'R	2.33	233	✓
4°30'	36°40'R	2.10	210	✓
4°30'	32°35'R	1.88	188	✓
5°50'	27°20'R	1.70	169	✓
5°30'	24°00'R	1.50	149	✓
6°40'	20°00'R	1.35	132	✓
10°15'	12°38'R	1.14	110	✓

12°45'	7°20' R	1.04	98	✓
12°45'	4°00' R	0.81	77	✓
13°30'	1°30' L	0.62	58	✓
17°20'	23°10' L	0.50	45	✓
15°35'	52°22' L	0.52	48	✓
15°00'	61°45' L	0.74	69	✓

215 ft. Bontown.

17°00'	49°35' L	0.77	70	✓
18°40'	33°00' L	0.61	54	✓
17°00'	17°30' L	0.72	65	✓
15°00'	3°53' L	0.96	89	✓
12°00'	3°15' R	1.10	105	✓
10°35'	10°30' R	1.28	123	✓
8°20'	17°35' R	1.50	146	✓
7°30'	21°35' R	1.70	167	✓
6°10'	27°55' R	1.89	186	✓
5°15'	34°50' R	2.18	216	✓

5°30'	37°20' R	2.45	242	✓
4°30'	40°05' R	2.67	267	✓
4°30'	43°05' R	2.86	286	✓
3°45'	49°40' R	3.04	304	✓
4°00'	58°35' R	2.85	285	✓
4°55'	52°45' R	2.60	260	✓
5°00'	53°42' R	2.38	236	✓
5°40'	58°15' R	2.17	215	✓
6°00'	58°37' R	1.94	192	✓
7°00'	64°30' R	1.68	165	✓
7°30'	70°55' R	1.51	148	✓
7°45'	80°20' R	1.48	145	✓
8°00'	88°55' R	1.47	144	✓
7°30'	95°25' R	1.57	154	✓

220 ft. Bontown.

8°30'	92°00' R	1.68	164	✓
9°00'	85°12' R	1.60	156	✓

9°00'	78°00'R	1.61	157	✓
8°30'	70°20'R	1.70	165	✓
7°30'	64°00'R	1.87	183	✓
7°00'	60°55'R	2.05	201	✓
6°50'	60°05'R	2.18	214	✓
6°15'	56°50'R	2.34	231	✓
6°00'	54°35'R	2.58	255	✓
5°30'	52°25'R	2.87	284	✓
5°00'	49°45'R	3.10	307	✓
4°30'	47°22'R	3.28	328	✓
5°00'	44°00'R	3.08	305	✓
5°30'	40°30'R	2.90	287	✓
5°30'	37°05'R	2.68	265	✓
6°10'	34°25'R	2.54	251	✓
7°00'	32°20'R	2.30	226	✓
7°00'	28°50'R	2.05	201	✓
7°40'	23°15'R	1.90	186	✓
8°30'	17°35'R	1.77	173	✓

9°30'	14°45'R	1.65	160	✓
10°00'	9°18'R	1.41	136	✓
12°45'	1°10'R	1.21	115	✓
15°45'	7°42'L	1.04	96	✓
17°00'	17°55'L	0.88	80	✓
18°45'	26°55'L	0.79	70	✓
18°00'	38°00'L	0.80	72	✓

225 ft. Contour

19°00'	31°15'L	0.95	84	✓
17°45'	20°10'L	1.00	90	✓
16°30'	12°40'L	1.13	103	✓
14°45'	4°00'L	1.31	122	✓
12°50'	8°30'R	1.38	131	✓
11°45'	7°40'R	1.60	153	✓
9°30'	14°05'R	1.78	173	✓
9°00'	20°07'R	1.98	193	✓
8°00'	26°45'R	2.17	212	✓

7°10′	31°00′R	2.48	244	✓
6°20′	34°50′R	2.72	268	✓
6°00′	38°20′R	2.96	292	✓
6°00′	40°40′R	3.20	316	✓
5°00′	45°00′R	3.34	331	✓
5°00′	47°40′R	3.50	347	✓
5°30′	49°20′R	3.33	329	✓
5°30′	51°45′R	3.13	310	✓
6°00′	53°45′R	2.95	291	✓
6°20′	55°30′R	2.73	269	✓
7°00′	57°20′R	2.50	246	✓
7°35′	61°20′R	2.27	223	✓
8°30′	64°20′R	2.04	199	✓
9°30′	69°05′R	1.85	179	✓
10°30′	74°45′R	1.76	170	✓
10°15′	82°48′R	1.72	166	✓
9°35′	90°15′R	1.82	176	✓

230 ft Cor. Tour.

11°00′	85°20′R	1.94	190	✓
11°20′	79°42′R	1.86	178	✓
11°00′	74°15′R	1.88	180	✓
10°10′	69°00′R	2.00	193	✓
9°30′	65°15′R	2.16	210	✓
8°45′	63°20′R	2.34	228	✓
8°30′	60°00′R	2.48	242	✓
7°45′	58°00′R	2.74	269	✓
6°55′	55°10′R	3.01	296	✓
6°15′	51°38′R	3.30	326	✓
5°45′	49°50′R	3.57	353	✓
5°30′	47°45′R	3.67	363	✓
6°00′	44°30′R	3.50	346	✓
6°00′	42°40′R	3.37	333	✓
6°30′	39°30′R	3.33	328	✓
6°30′	38°05′R	3.17	312	✓
7°00′	36°00′R	3.00	295	✓

7°15'	33°42'R	2.87	284	✓
7°30'	30°15'R	2.71	268	✓
8°15'	28°20'R	2.53	249	✓
9°00'	25°00'R	2.30	224	✓
10°00'	21°30'R	2.14	207	✓
10°30'	13°50'R	1.97	190	✓
11°30'	8°50'R	1.76	169	✓
13°00'	2°45'R	1.63	154	✓
14°30'	3°00'L	1.48	138	✓
16°00'	10°00'L	1.30	120	✓
19°00'	23°30'L	1.12	100	✓

235 ft Contour

19°10'	20°08'L	1.27	115	✓
17°10'	12°45'L	1.40	137	✓
14°30'	2°45'L	1.63	152	✓
13°00'	4°55'R	1.80	170	✓
11°30'	10°35'R	2.06	197	✓

10°45'	18°07'R	2.18	210	✓
9°30'	24°05'R	2.40	233	✓
9°00'	26°30'R	2.60	253	✓
8°30'	28°05'R	2.78	271	✓
8°00'	32°40'R	3.00	294	✓
7°30'	36°25'R	3.15	309	✓
7°30'	37°45'R	3.46	340	✓
6°50'	41°45'R	3.47	342	✓
6°30'	44°50'R	3.70	365	✓
6°10'	47°40'R	3.84	379	✓
6°30'	50°40'R	3.70	365	✓
7°00'	53°00'R	3.37	331	✓
7°40'	56°50'R	3.05	299	✓
8°35'	59°45'R	2.72	265	✓
9°30'	63°00'R	2.48	241	✓
10°20'	65°50'R	2.37	229	✓
11°00'	67°48'R	2.19	211	✓
11°45'	73°50'R	2.00	191	✓

11°45'	79°55'R	1.99	190	✓
11°40'	83°55'R	2.08	199	✓

240 ft. Contour

12°00'	82°00'R	2.22	212	✓
12°30'	76°42'R	2.09	199	✓
12°00'	71°00'R	2.22	212	✓
11°15'	67°22'R	2.47	237	✓
10°00'	63°00'R	2.65	256	✓
9°00'	60°20'R	2.92	284	✓
8°00'	56°00'R	3.28	322	✓
7°30'	53°45'R	3.57	350	✓
7°00'	51°30'R	3.79	373	✓
7°00'	47°55'R	3.96	390	✓
7°00'	44°45'R	3.85	379	✓
7°15'	42°25'R	3.74	368	✓
7°30'	39°40'R	3.50	344	✓
8°00'	36°20'R	3.57	350	✓
8°00'	36°30'R	3.27	320	✓
8°20'	32°30'R	3.18	311	✓
9°00'	28°30'R	2.97	289	✓
9°30'	26°00'R	2.87	279	✓
10°15'	24°00'R	2.60	251	✓
11°25'	19°00'R	2.32	222	✓
12°30'	9°25'R	2.16	205	✓
13°30'	4°30'R	1.96	186	✓
14°30'	1°45'H	1.84	172	✓
16°10'	8°15'L	1.66	153	✓
18°30'	15°45'L	1.48	133	✓
19°30'	19°25'L	1.39	124	✓

245 ft. Contour

19°00'	15°45'L	1.61	143	✓
17°00'	8°30'L	1.78	162	✓
16°30'	4°05'L	1.93	177	✓
14°30'	1°50'R	2.02	189	✓

13°25'	7°22'R	2.26	213	✓
12°30'	15°50'R	2.38	224	✓
11°10'	21°30'R	2.61	251	✓
10°15'	23°50'R	2.93	283	✓
9°30'	29°30'R	3.14	305	✓
8°40'	35°05'R	3.37	329	✓
8°20'	35°30'R	3.63	355	✓
8°05'	39°10'R	3.62	354	✓
7°50'	42°30'R	3.87	379	✓
7°15'	45°50'R	4.04	396	✓
7°10'	47°50'R	4.10	402	✓
11°30'	50°45'R	3.96	380	✓
7°45'	53°50'R	3.83	375	✓
8°15'	55°30'R	3.50	342	✓
9°00'	58°25'R	3.23	315	✓
10°00'	61°35'R	2.96	287	✓
11°00'	64°45'R	2.66	256	✓
11°40'	68°50'R	2.52	242	✓

13°15'	73°07'R	2.30	217	✓
13°15'	76°50'R	2.30	217	✓
13°00'	80°00'R	2.37	224	✓

250 ft Contour.

13°10'	78°55'R	2.50	236	✓
13°40'	74°20'R	2.40	229	✓
13°30'	71°55'R	2.43	229	✓
12°35'	69°20'R	2.58	245	✓
11°50'	65°50'R	2.76	264	✓
11°00'	62°45'R	3.00	289	✓
10°00'	59°47'R	3.27	317	✓
9°30'	57°30'R	3.50	340	✓
8°35'	55°45'R	3.84	375	✓
8°00'	53°30'R	4.00	392	✓
8°00'	50°30'R	4.11	403	✓
7°40'	48°10'R	4.22	418	✓
7°50'	45°35'R	4.16	412	✓

468

8°25′	42°25′R	3.96	387	✓
8°30′	39°00′R	3.80	371	✓
8°40′	35°15′R	3.73	364	✓
9°30′	33°25′R	3.47	337	✓
10°00′	29°30′R	3.33	322	✓
10°15′	26°50′R	3.17	316	✓
11°00′	22°25′R	3.03	291	✓
11°35′	20°55′R	2.80	268	✓
12°40′	17°15′R	2.60	247	✓
8°25′	12°18′R	2.47	241	✓
14°00′	6°18′R	2.34	220	✓
15°00′	1°37′R	2.18	203	✓
16°00′	4°40′L	2.07	191	✓
17°35′	9°45′L	1.90	172	✓
19°30′	16°25′L	1.74	154	✓
255 ft. Bottom				
20°00′	17°08′L	1.85	163	✓

18°00′	10°30′L	2.05	185	✓
16°30′	3°10′L	2.16	198	✓
15°40′	0°45′R	2.33	216	✓
14°40′	5°55′R	2.47	231	✓
14°00′	12°15′R	2.57	242	✓
12°55′	18°25′R	2.78	264	✓
11°30′	21°00′R	3.08	295	✓
10°45′	25°50′R	3.23	311	✓
10°30′	28°15′R	3.40	328	✓
10°00′	32°22′R	3.53	342	✓
9°30′	33°52′R	3.77	366	✓
9°20′	37°05′R	3.80	369	✓
8°45′	41°10′R	4.04	394	✓
8°20′	44°55′R	4.22	413	✓
8°10′	47°40′R	4.37	428	✓
8°30′	51°00′R	4.17	408	✓
8°45′	55°05′R	4.07	397	✓
9°05′	56°45′R	3.95	385	✓

10°00'	58°00'R	3.60	349	✓
10°40'	61°00'R	3.30	318	✓
11°40'	64°22'R	3.03	290	✓
12°40'	67°00'R	2.84	270	✓
13°30'	70°45'R	2.70	255	✓
14°00'	74°05'R	2.62	247	✓
14°00'	77°35'R	2.67	252	✓

760 ft. Contour

14°00'	77°00'R	2.87	272	✓
14°10'	72°55'R	2.76	261	✓
13°50'	69°30'R	2.86	269	✓
12°30'	66°10'R	3.03	288	✓
12°00'	62°40'R	3.32	317	✓
11°00'	60°40'R	3.54	341	✓
10°30'	59°35'R	3.83	370	✓
9°55'	59°35'R	4.13	400	✓
9°00'	53°45'R	4.27	415	✓
8°50'	50°10'R	4.37	426	✓
8°30'	48°10'R	4.52	441	✓
8°30'	47°15'R	4.56	445	✓
8°50'	45°08'R	4.43	432	✓
9°00'	42°30'R	4.29	418	✓
9°30'	38°10'R	4.03	392	✓
9°45'	36°05'R	3.90	379	✓
10°00'	33°30'R	3.87	375	✓
10°45'	30°55'R	3.62	349	✓
11°10'	27°05'R	3.50	336	✓
11°35'	23°30'R	3.30	316	✓
12°25'	19°45'R	3.17	302	✓
13°30'	16°45'R	2.86	269	✓
14°30'	12°45'R	2.70	253	✓
14°50'	5°55'R	2.63	246	✓
16°15'	0°12'R	2.47	227	✓
17°00'	8°55'L	2.32	211	✓
18°25'	10°48'L	2.17	195	✓

19°30'	14°00' L	2.04	181	✓

△ Pt on Pound Canyon base line at Sta. 68

→ Sta. 73

165 ft. Contour.

0°00'	13°38' L	1.37	137	✓
0°00'	7°45' L	1.83	183	✓
0°00'	3°00' L	2.07	207	✓
0°00'	2°35' R	2.50	250	✓
0°00'	5°18' R	2.96	296	✓
0°00'	7°00' R	3.40	340	✓
0°00'	7°20' R	3.95	395	✓
0°00'	7°42' R	4.08	408	✓
0°00'	7°50' R	3.67	367	✓
0°00'	7°15' R	3.20	320	✓
0°00'	6°50' R	2.77	277	✓
0°00'	3°40' R	2.21	221	✓

0°00'	1°30' R	1.69	169	✓
0°00'	0°30' R	1.19	119	✓
0°00'	18°20' R	0.90	90	✓
0°00'	43°30' R	1.00	100	✓
0°00'	75°25' R	0.88	88	✓
0°00'	101°20' R	0.99	99	✓
0°00'	125°15' R	1.13	113	✓
0°00'	148°15' R	1.11	111	✓
0°00'	157°05' R	1.58	158	✓

170 ft. Contour.

1°20'	141°25' R	1.91	191	✓
1°40'	133°12' R	1.55	155	✓
2°00'	117°45' R	1.36	136	✓
2°00'	103°35' R	1.32	132	✓
2°10'	84°12' R	1.23	123	✓
2°00'	69°35' R	1.31	131	✓
2°00'	56°25' R	1.42	142	✓

2°00'	41°30'R	1.64	164	✓
2°00'	28°45'R	1.80	180	✓
2°00'	14°40'R	2.10	210	✓
2°00'	10°20'R	2.44	244	✓
1°15'	10°40'R	2.94	294	✓
1°15'	11°10'R	3.38	338	✓
1°00'	10°20'R	3.78	378	✓
1°00'	10°00'R	4.20	420	✓
1°00'	10°10'R	4.52	452	✓

175 ft. Contour

1°30'	12°25'R	4.52	452	✓
1°30'	12°45'R	4.16	416	✓
1°45'	13°35'R	3.67	367	✓
2°00'	14°35'R	3.10	310	✓
2°00'	15°30'R	2.73	273	✓
2°30'	20°30'R	2.40	240	✓
2°00'	29°40'R	2.14	214	✓

3°00'	35°05'R	2.00	200	✓
3°00'	44°15'R	1.78	178	✓
3°30'	58°15'R	1.54	154	✓
2°30'	72°00'R	1.42	142	✓
3°30'	88°30'R	1.37	137	✓
3°30'	101°00'R	1.50	150	✓
3°30'	112°25'R	1.55	155	✓
3°30'	123°00'R	1.76	176	✓
3°30'	132°40'R	2.10	210	✓

180 ft. Contour

3°40'	127°35'R	2.32	232	✓
4°00'	122°48'R	2.04	204	✓
4°30'	113°40'R	1.82	182	✓
4°30'	103°00'R	1.69	169	✓
5°35'	89°30'R	1.58	156	✓
5°30'	78°00'R	1.55	153	✓
5°20'	64°00'R	1.57	155	✓

5°00′	55°55′R	1.67	165	✓
4°20′	43°30′R	1.96	196	✓
4°00′	36°15′R	2.20	220	✓
3°20′	27°55′R	2.48	248	✓
3°20′	23°48′R	2.68	268	✓
3°15′	20°25′R	2.87	287	✓
3°30′	18°30′R	3.17	317	✓
2°30′	16°15′R	3.63	363	✓
2°30′	15°48′R	3.85	385	✓
2°30′	15°05′R	4.26	426	✓
2°05′	14°10′R	4.57	457	✓
				✓
185 ft. Contours				
2°45′	15°42′R	4.50	450	✓
3°00′	16°55′R	4.20	420	✓
3°30′	17°25′R	3.84	384	✓
3°30′	20°05′R	3.41	341	✓
3°45′	21°50′R	3.20	320	✓

4°00′	26°10′R	2.86	286	✓
4°30′	32°15′R	2.55	255	✓
5°00′	41°15′R	2.20	218	✓
5°30′	47°25′R	2.00	198	✓
6°30′	57°15′R	1.78	175	✓
6°30′	68°12′R	1.67	164	✓
6°40′	78°48′R	1.71	168	✓
6°30′	87°30′R	1.74	171	✓
6°00′	96°00′R	1.84	181	✓
6°10′	104°25′R	1.95	192	✓
5°30′	112°30′R	2.04	202	✓
5°30′	119°08′R	2.22	220	✓
5°00′	122°15′R	2.42	240	✓
190 ft. Contours				
6°00′	117°25′R	2.48	245	✓
6°40′	111°10′R	2.22	218	✓
7°00′	101°10′R	2.08	204	✓

7°15'	90°25'R	1.98	194	✓
7°50'	79°30'R	1.88	184	✓
7°45'	67°20'R	1.83	179	✓
7°45'	56°45'R	1.90	186	✓
7°00'	49°20'R	2.13	209	✓
6°20'	41°05'R	2.43	240	✓
5°30'	35°00'R	2.67	265	✓
4°50'	29°30'R	2.97	297	✓
4°30'	24°00'R	3.35	335	✓
4°00'	21°00'R	3.62	362	✓
4°00'	18°55'R	3.90	390	✓
3°40'	18°00'R	4.40	440	✓

195 ft. Contour.

4°00'	18°52'R	4.54	454	✓
4°15'	19°40'R	4.08	408	✓
4°30'	21°55'R	3.77	377	✓
5°10'	27°25'R	3.38	336	✓

5°30'	32°10'R	3.05	302	✓
6°15'	38°10'R	2.75	272	✓
7°00'	45°10'R	2.47	243	✓
7°50'	52°08'R	2.18	213	✓
8°30'	58°10'R	2.06	200	✓
8°30'	69°48'R	2.00	194	✓
8°20'	82°30'R	2.08	202	✓
8°00'	93°05'R	2.13	207	✓
7°40'	102°30'R	2.22	217	✓
7°15'	108°55'R	2.40	235	✓
7°00'	111°45'R	2.60	255	✓

200 ft. Contour.

7°40'	107°40'R	2.70	265	✓
8°15'	103°45'R	2.45	239	✓
8°30'	94°55'R	2.30	224	✓
9°00'	84°00'R	2.24	218	✓
9°30'	73°20'R	2.21	215	✓

9°30'	64°45'R	2.13	207	✓
8°50'	54°50'R	2.26	220	✓
8°15'	48°52'R	2.52	246	✓
7°30'	42°52'R	2.80	275	✓
6°50'	36°08'R	3.12	308	✓
6°15'	32°15'R	3.32	328	✓
5°45'	27°40'R	3.57	352	✓
5°25'	23°10'R	3.86	383	✓
5°00'	21°18'R	4.15	413	✓
4°45	20°20'R	4.57	457	✓

Alvarado
McKaren
Angwinda
Kyce

3.14.03

205 ft. Contour

5°30'	21°50'R	4.60	455	✓
6°00'	23°30'R	4.21	415	✓
6°10'	26°10'R	3.91	385	✓

6°35'	30°40'R	3.67	361	✓
7°00'	34°15'R	3.47	341	✓
7°40'	38°35'R	3.14	307	✓
8°15'	44°42'R	2.87	281	✓
9°00'	51°42'R	2.58	251	✓
10°30'	58°55'R	2.31	223	✓
10°05'	69°25'R	2.30	222	✓
10°00'	81°25'R	2.38	230	✓
10°00'	95°30'R	2.47	239	✓
9°00'	102°15'R	2.69	260	✓

210 ft. Contour

9°50'	98°52'R	2.81	271	✓
10°30'	94°25'R	2.62	252	✓
10°30'	86°36'R	2.52	242	✓
10°45'	79°30'R	2.48	238	✓
10°45'	74°20'R	2.48	238	✓
11°00'	65°48'R	2.43	233	✓

Vertical Levelling Rod

11°00'	60°05'R	2.47	237	✓
10°30'	54°38'R	2.62	252	✓
9°30'	48°45'R	2.90	280	✓
8°50'	42°50'R	3.08	300	✓
8°15'	38°52'R	3.33	325	✓
7°35'	36°00'R	3.56	349	✓
7°00'	31°12'R	3.80	373	✓
6°40'	27°40'R	4.04	398	✓
6°30'	25°50'R	4.24	418	✓
6°20'	24°15'R	4.50	444	✓
6°00'	23°50'R	4.60	454	✓

215 ft Contour

6°45'	25°52'R	4.55	449	✓
7°10'	28°08'R	4.20	414	✓
7°30'	31°55'R	3.94	388	✓
8°00'	35°32'R	3.78	370	✓
8°30'	38°48'R	3.57	349	✓
9°00'	41°20'R	3.32	324	✓
9°30'	45°40'R	3.13	304	✓
10°30'	52°20'R	2.90	280	✓
10°50'	55°22'R	2.76	266	✓
11°30'	59°10'R	2.61	250	✓
11°30'	68°30'R	2.58	247	✓
11°15'	76°52'R	2.61	250	✓
11°15'	83°15'R	2.67	256	✓
11°00'	89°40'R	2.70	259	✓
10°40'	93°40'R	2.82	272	✓
10°10'	95°40'R	2.96	286	✓

220 ft. Contour

10°50'	91°55'R	3.10	300	✓
11°10'	89°08'R	2.93	282	✓
11°45'	83°00'R	2.81	270	✓
12°00'	76°30'R	2.76	264	✓

12°10'	68°20'R	2.70	258	✓
12°00'	60°00'R	2.74	262	✓
11°20'	56°07'R	2.90	279	✓
10°35'	51°10'R	3.08	297	✓
10°10'	46°30'R	3.22	311	✓
9°40'	42°45'R	3.38	328	✓
9°00'	40°25'R	3.63	353	✓
8°30'	37°10'R	3.88	379	✓
8°00'	32°30'R	4.08	399	✓
7°40'	29°25'R	4.32	424	✓
7°30'	27°40'R	4.57	449	✓

225 ft. Bantown

8°00'	29°25'R	4.54	545	✓
8°30'	31°35'R	4.26	417	✓ ?
9°00'	35°50'R	4.07	497	✓
9°20'	39°00'R	3.90	380	✓
10°20'	42°15'R	3.64	353	✓

10°30'	43°30'R	3.45	334	✓
11°00'	49°25'R	3.27	315	✓
11°30'	53°30'R	3.13	301	✓
12°10'	57°45'R	2.91	279	✓
12°50'	62°10'R	2.83	271	✓
12°40'	69°10'R	2.87	275	✓
12°30'	75°20'R	2.90	278	✓
12°00'	82°42'R	2.97	285	✓
11°30'	87°00'R	3.10	297	✓
11°30'	88°40'R	3.23	310	✓

230 ft. Bantown.

12°00'	85°40'R	3.32	310	✓
12°20'	82°40'R	3.22	307	✓ ?
13°00'	79°10'R	3.08	292	✓
13°00'	75°38'R	3.02	286	✓
12°10'	70°35'R	2.97	281	✓
12°10'	64°35'R	2.97	281	✓

13°00'	58°22'R	3.03	287	✓
12°20'	54°35'R	3.17	312	✓
11°45'	51°30'R	3.30	316	✓
11°25'	47°25'R	3.41	327	✓
11°00'	44°30'R	3.50	336	✓
10°35'	43°20'R	3.67	354	✓
10°15'	42°05'R	3.83	370	✓
10°00'	40°15'R	3.97	384	✓
9°30'	37°30'R	4.10	398	✓
9°15'	34°10'R	4.25	413	✓
8°50'	31°48'R	4.47	435	✓
8°50'	31°22'R	4.65	453	✓

235 ft. Contour

9°15'	32°65'R	4.67	454	✓ ?
9°30'	34°00'R	4.45	432	✓
10°00'	37°20'R	4.23	411	✓
10°30'	40°22'R	4.07	393	✓
10°45'	42°30'R	3.92	378	✓
11°20'	44°15'R	3.72	357	✓
12°00'	49°05'R	3.48	332	✓
12°30'	53°25'R	3.34	318	✓
13°15'	59°00'R	3.17	301	✓
13°30'	56°38'R	3.10	293	✓ ?
13°30'	74°50'R	3.13	296	✓
13°00'	80°00'R	3.33	316	✓
12°30'	82°45'R	3.42	325	✓

240 ft. Contour

13°00'	80°15'R	3.53	336	✓
13°30'	79°10'R	3.44	327	✓
14°00'	72°30'R	3.33	313	✓
14°00'	67°10'R	3.34	314	✓
13°30'	60°45'R	3.38	321	✓
13°00'	54°20'R	3.50	333	✓
12°25'	49°10'R	3.70	354	✓

11°15'	45°10'R	3.84	369	✓
11°25'	43°00'R	4.00	385	✓
11°00'	40°17'R	4.18	403	✓
10°25'	37°40'R	4.37	422	✓
9°45'	35°00'R	4.60	445	✓

245 ft Contour

10°30'	36°35'R	4.73	458	✓
10°40'	38°30'R	4.50	435	✓
11°30'	41°20'R	4.21	404	✓
12°00'	44°40'R	4.03	386	✓
12°40'	49°05'R	3.83	364	✓
13°00'	54°05'R	3.67	348	✓
14°00'	61°20'R	3.50	329	✓
14°00'	62°25'R	3.50	329	✓
14°00'	74°00'R	3.53	332	✓
13°20'	78°15'R	3.67	350	✓

250 ft Contour

13°30'	77°08'R	3.87	370	✓
14°00'	73°30'R	3.73	352	✓
14°15'	67°15'R	3.63	342	✓
14°00'	62°00'R	3.65	344	✓
14°00'	57°45'R	3.70	349	✓
13°20'	52°25'R	3.85	368	✓
12°45'	48°52'R	4.04	384	✓
12°30'	46°05'R	4.13	393	✓
11°45'	42°55'R	4.33	415	✓
11°30'	40°50'R	4.47	429	✓
11°00'	38°30'R	4.74	456	✓

255 ft Contour

13°30'	40°45'R	4.72	454	✓
12°15'	44°10'R	4.44	424	✓
13°00'	48°30'R	4.24	402	✓
13°30'	52°50'R	4.08	385	✓

14°00'	55°40'R	3.93	370	✓
14°15'	59°45'R	3.86	363	✓
14°30'	66°45'R	3.75	353	✓
14°15'	72°05'R	3.85	362	✓
13°45'	75°35'R	4.00	377	✓

260 ft. Contour

14°00'	74°20'R	4.13	388	✓
14°30'	71°40'R	3.97	373	✓
14°50'	67°37'R	3.94	370	✓
14°30'	62°40'R	3.96	373	✓
14°00'	57°25'R	4.13	390	✓
13°35'	52°25'R	4.23	399	✓
13°00'	48°25'R	4.43	420	✓
12°35'	45°20'R	4.64	441	✓
12°00'	42°18'R	4.83	467	✓

Δ Pt on Pound Canyon base line at N 4+05

→ line produced

170 ft. Contour

4°00'	176°22'L	2.70	270	✓
5°00'	181°45'L	2.40	238	✓
5°30'	187°25'L	2.07	205	✓

175 ft. Contour.

3°30'	174°10'L	2.40	240	✓
4°00'	177°45'L	2.14	214	✓
4°30'	178°50'L	1.86	186	✓
5°30'	177°00'L	1.55	153	✓
6°45'	177°25'L	1.26	123	✓
8°00'	174°25'L	1.00	98	✓
9°00'	162°15'L	0.70	68	✓

180 ft. Contour

7°00'	84°05'L.	0.67	65	✓
7°15'	123°15'L.	0.65	63	✓
5°30'	143°35'L.	0.82	81	✓
5°30'	157°15'L.	0.94	93	✓
4°00'	167°00'L.	1.20	120	✓
3°00'	170°35'L.	1.57	157	✓
2°35'	170°30'L.	2.13	213	✓

185 ft. Contour

2°00'	166°55'L.	1.88	188	✓
2°00'	165°35'L.	1.53	153	✓
2°30'	158°35'L.	1.21	121	✓
2°20'	143°20'L.	1.00	100	✓
2°40'	120°40'L.	0.80	80	✓
3°30'	90°50'L.	0.80	80	✓
3°30'	71°00'L.	0.99	99	✓
2°00'	54°10'L.	1.14	114	✓
1°40'	42°15'L.	1.62	162	✓
1°30'	39°45'L.	1.78	178	✓

190 ft. Contour

0°30'	35°15'L.	2.87	287	✓
0°30'	40°00'L.	2.57	257	✓
0°30'	43°55'L.	2.14	214	✓
0°35'	47°50'L.	1.71	171	✓
1°00'	59°08'L.	1.34	134	✓
1°00'	73°55'L.	1.12	112	✓
1°10'	91°00'L.	0.95	95	✓
1°30'	113°50'L.	0.91	91	✓
1°00'	138°00'L.	1.10	110	✓
0°45'	156°05'L.	1.42	142	✓
0°40'	155°55'L.	1.67	167	✓

195 ft. Contour

2°50'	152°25'L.	1.62	162	✓

42

2°30′	145°15′L	1.37	137	✓
2°30′	131°45′L	1.18	118	✓
2°30′	115°20′L	1.07	107	✓
2°30′	95°25′L	1.08	108	✓
2°30′	80°55′L	1.22	122	✓
2°30′	66°45′L	1.41	141	✓
2°30′	68°12′L	1.60	160	✓ ?
3°00′	50°45′L	1.97	197	✓
3°30′	46°05′L	2.36	236	✓

200 ft. Contour.

2°30′	49°48′L	2.45	245	✓
2°30′	52°15′L	2.20	220	✓
2°30′	58°45′L	1.86	186	✓
2°00′	67°35′L	1.58	158	✓
0°45′	77°15′L	1.45	145	✓
1°00′	89°20′L	1.28	128	✓
1°00′	103°05′L	1.18	118	✓
1°00′	120°00′L	1.22	122	✓
1°30′	133°00′L	1.32	132	✓
1°25′	142°25′L	1.48	148	✓
1°45′	145°52′L	1.76	176	✓

205 ft. Contour.

0°00′	137°45′L	1.67	167	✓
0°00′	129°05′L	1.43	143	✓
0°00′	114°38′L	1.30	130	✓
1°00′	105°00′L	1.30	130	✓
1°00′	90°10′L	1.41	141	✓
1°00′	81°15′L	1.54	154	✓
1°00′	70°55′L	1.67	167	✓
3°30′	60°30′L	2.04	204	✓
3°30′	55°00′L	2.34	234	✓
3°30′	52°40′L	2.50	250	✓

210 ft. Contour.

4°30'	65°20'L.	2.60	260	✓
4°35'	60°30'L.	2.27	227	✓
5°30'	66°15'L.	1.97	195	✓
6°00'	74°40'L.	1.80	177	✓
6°30'	83°00'L.	1.68	165	✓
7°00'	92°08'L.	1.53	150	✓
7°40'	101°10'L.	1.44	141	✓
7°45'	115°52'L.	1.48	145	✓
6°30'	129°00'L.	1.65	162	✓

215 ft. Contour

8°00'	120°55'L.	1.68	164	✓
8°40'	108°30'L.	1.58	154	✓
8°30'	97°00'L.	1.60	156	✓
7°45'	85°55'L.	1.77	173	✓
7°00'	76°05'L.	1.90	177	✓
6°30'	67°15'L.	2.20	217	
6°00'	62°15'L.	2.37	232	✓
5°30'	58°25'L.	2.65	262	✓

220 ft. Contour.

6°30'	61°30'L.	2.72	268	✓
7°15'	66°55'L.	2.38	234	✓
7°30'	72°00'L.	2.16	212	✓
8°00'	75°40'L.	2.08	203	✓
8°30'	81°05'L.	1.96	191	✓
9°30'	90°00'L.	1.78	173	✓
10°00'	99°15'L.	1.70	164	✓
9°50'	106°00'L.	1.71	166	✓
9°50'	113°30'L.	1.78	173	✓

225 ft. Contour

10°30'	108°15'L.	1.90	184	✓
10°30'	97°00'L.	1.86	182	✓
10°00'	85°00'L.	2.00	194	✓

7°30'	77°20' L.	2.12	206	✓
8°30'	70°40' L.	2.38	202	✓
8°00'	66°15' L.	2.60	254	✓
7°15'	64°00' L.	2.80	275	✓

230 ft. Contour.

8°00'	65°55' L.	2.88	282	✓
9°00'	69°00' L.	2.60	253	✓
9°40'	73°55' L.	2.40	233	✓
10°30'	77°30' L.	2.24	216	✓
10°45'	83°50' L.	2.13	205	✓
11°15'	91°30' L.	2.05	197	✓
11°30'	101°00' L.	1.98	190	✓
11°15'	106°05' L.	2.07	199	✓

235 ft. Contour.

12°00'	101°40' L.	2.15	205	✓
12°00'	89°40' L.	2.19	209	✓
11°25'	79°05' L.	2.28	219	✓
10°00'	73°10' L.	2.58	250	✓
9°40'	69°25' L.	2.71	263	✓
9°00'	67°24' L.	2.97	289	✓

240 ft. Contour.

9°50'	68°40' L.	3.02	293	✓
10°30'	70°35' L.	2.80	270	✓
11°15'	76°00' L.	2.58	248	✓
12°05'	79°30' L.	2.40	229	✓
12°30'	88°15' L.	2.30	219	✓
12°45'	96°00' L.	2.27	216	✓
12°30'	100°15' L.	2.38	227	✓

245 ft. Contour

13°00'	97°05' L.	2.45	232	✓
15°15'	89°20' L.	2.43	236	✓
13°00'	80°25' L.	2.50	237	✓

12°00'	76°20' L	2.68	256	✓
11°30'	73°00' L	2.77	265	✓
11°00'	71°08' L	2.87	275	✓
10°30'	69°40' L	3.07	296	✓

250 ft. Contour

11°30'	70°50' L	3.08	296	✓
12°05'	73°00' L	2.92	279	✓
12°30'	76°15' L	2.80	267	✓
13°30'	80°25' L	2.62	247	✓
14°00'	85°55' L	2.58	242	✓
14°00'	91°25' L	2.60	244	✓

255 ft. Contour

14°15'	89°20' L	2.68	252	✓
14°10'	82°05' L	2.71	255	✓
13°35'	78°12' L	2.83	267	✓
13°10'	75°20' L	2.93	277	✓

13°00'	72°35' L	3.00	284	✓
12°30'	71°50' L	3.10	294	✓

260 ft Contour

13°00'	73°00' L	3.24	308	✓
13°50'	74°50' L	3.04	288	✓
14°15'	79°05' L	2.96	277	✓
15°00'	86°35' L	2.85	265	✓
14°40'	89°40' L	2.85	266	✓

△ Pt on Pound Canyon base line at N 7+35

→ N 13+66

260 ft. Contour

13°30'	106°00' L	2.49	235	✓
14°35'	101°15' L	2.27	212	✓
15°30'	96°00' L	2.17	201	✓
15°20'	88°25' L	2.22	206	✓

16°00'	82°30'L	2.12	195	✓
15°00'	74°45'L	2.23	208	✓
14°30'	70°30'L	2.30	215	✓
13°30'	65°20'L	2.50	236	✓
12°30'	62°55'L	2.70	257	✓
11°50'	60°30'L	2.88	275	✓
11°25'	57°55'L	2.92	279	✓
11°00'	56°53'L	3.12	299	✓
10°40'	54°30'L	3.17	304	✓
10°40'	52°40'L	3.21	308	✓
11°00'	50°55'L	3.12	299	✓
11°30'	50°00'L	2.88	275	✓
12°00'	45°00'L	2.72	259	✓
12°00'	41°35'L	2.77	264	✓
12°00'	40°30'L	2.87	274	✓

255 ft. Contour

11°00'	39°10'L	2.80	269	✓
11°20'	41°10'L	2.67	256	✓
11°30'	46°00'L	2.63	252	✓
11°00'	49°45'L	2.74	263	✓
10°45'	51°12'L	2.84	273	✓
10°00'	52°55'L	3.08	298	✓
10°00'	54°52'L	3.02	292	✓
10°35'	58°00'L	2.80	270	✓
11°30'	60°35'L	2.68	257	✓
12°30'	62°45'L	2.42	230	✓
13°15'	66°15'L	2.27	215	✓
14°00'	72°45'L	2.16	203	✓
14°45'	78°50'L	2.07	194	✓
15°15'	82°20'L	2.00	186	✓
14°50'	88°00'L	2.10	197	✓
15°00'	93°20'L	2.04	210	✓ ?
14°10'	101°45'L	2.14	201	✓
13°00'	106°40'L	2.40	227	✓

82

250 ft. Contour

12°00'	108°45'L.	2.28	218	✓
13°20'	103°15'L.	2.07	195	✓
13°45'	97°35'L.	1.94	182	✓
14°00'	89°30'L.	2.00	188	✓
14°30'	84°20'L.	1.91	179	✓
13°50'	76°40'L.	1.98	186	✓
13°20'	71°35'L.	2.04	192	✓ ?
12°15'	64°20'L.	2.20	210	✓
11°25'	60°38'L.	2.39	229	✓
10°30'	58°55'L.	2.62	253	✓
10°00'	56°45'L.	2.72	263	✓
9°30'	54°05'L.	2.90	282	✓
10°30'	50°30'L.	2.64	255	✓
10°40'	45°35'L.	2.54	245	✓
10°20'	41°00'L.	2.57	248	✓
10°00'	37°30'L.	2.74	265	✓

83

3/16/03 Olverson
McLaren
Pergimola
Reef

240 ft Contour.

9°00'	35°30'L.	2.68	261	✓
9°45'	39°17'L.	2.49	242	✓
9°45'	44°35'L.	2.43	236	✓
9°30'	49°42'L.	2.48	241	✓
9°00'	55°45'L.	2.73	266	✓
8°50'	54°50'L.	2.73	266	✓
10°00'	57°20'L.	2.57	263	✓
10°30'	58°50'L.	2.27	219	✓
11°45'	64°35'L.	2.06	197	✓
12°40'	72°35'L.	1.88	179	✓
13°00'	82°10'L.	1.80	171	✓
13°00'	90°40'L.	1.81	172	✓
13°00'	99°45'L.	1.86	177	✓
12°20'	105°15'L.	1.97	188	✓

11°30'	104°20'L	2.14	206	✓
11°05'	115°05'L	2.15	207	✓

240 ft. Contour.

10°20'	113°55'L	2.07	200	✓
10°25'	111°15'L	2.04	197	✓
11°00'	107°12'L	1.87	180	✓
12°15'	100°15'L	1.76	168	✓
12°25'	91°15'L	1.72	164	✓
12°30'	79°40'L	1.72	164	✓
11°45'	69°05'L	1.85	178	✓
10°45'	61°15'L	1.98	191	✓
10°00'	57°40'L	2.18	211	✓
9°30'	56°40'L	2.38	231	✓
8°30'	54°00'L	2.67	261	✓
8°25'	51°55'L	2.49	242	✓
9°00'	47°30'L	2.35	228	✓
9°00'	40°50'L	2.35	228	✓

8°30'	36°30'L	2.47	241	✓
8°00'	33°35'L	2.63	257	✓

235 ft. Contour.

7°00'	31°22'L	2.58	254	✓
7°30'	35°00'L	2.38	234	✓
8°00'	40°38'L	2.23	218	✓
8°00'	46°35'L	2.23	218	✓
8°00'	51°15'L	2.35	230	✓
8°30'	54°20'L	2.54	249	✓
9°00'	55°05'L	2.15	209	✓
9°40'	59°15'L	1.90	184	✓
10°20'	64°35'L	1.74	168	✓
11°00'	74°50'L	1.63	157	✓
11°10'	86°50'L	1.57	151	✓
11°10'	97°55'L	1.60	154	✓
10°30'	109°52'L	1.77	171	✓
9°45'	112°30'L	1.90	184	✓

9°15'	117°00' L.	1.97	190	✓

230 ft Contour.

8°15'	118°15' L.	1.88	183	✓
8°30'	114°35' L.	1.78	173	✓
9°25'	108°10' L.	1.60	155	✓
10°00'	98°05' L.	1.48	142	✓
10°15'	89°00' L.	1.44	138	✓
10°15'	76°45' L.	1.48	142	✓
9°40'	67°00' L.	1.56	151	✓
8°50'	58°48' L.	1.72	167	✓
8°15'	55°40' L.	1.81	176	✓
8°30'	52°50' L.	2.06	201	✓
8°30'	54°20' L.	2.43	238	✓
7°10'	49°40' L.	2.23	219	✓
7°15'	44°20' L.	2.10	206	✓
7°00'	38°00' L.	2.15	211	✓
6°30'	33°08' L.	2.32	228	✓

6°00'	29°30' L.	2.51	247	✓

225 ft Contour.

4°55'	25°35' L.	2.54	254	✓
5°25'	30°15' L.	2.26	223	✓
6°00'	35°30' L.	2.10	207	✓
6°00'	42°30' L.	2.00	197	✓
6°00'	46°05' L.	2.04	201	✓
7°30'	53°25' L.	2.24	220	✓
6°35'	51°25' L.	2.08	204	✓
7°35'	53°07' L.	1.86	182	✓
7°30'	55°00' L.	1.71	167	✓
8°10'	60°55' L.	1.53	149	✓
9°15'	69°25' L.	1.39	135	✓
9°35'	81°25' L.	1.32	128	✓
10°00'	94°00' L.	1.30	126	✓
8°30'	106°25' L.	1.40	136	✓
8°00'	113°50' L.	1.57	153	✓

88

7°40'	117°00' L.	1.68	164	✓

220 ft. Bottom

7°00'	120°50' L.	1.59	155	✓
6°30'	115°10' L.	1.38	135	✓
7°25'	105°05' L.	1.24	122	✓
8°00'	94°25' L.	1.17	114	✓
8°00'	81°15' L.	1.17	114	✓
7°00'	62°10' L.	1.30	128	✓
6°00'	51°38' L.	1.53	151	✓
6°15'	50°40' L.	1.78	176	✓
5°30'	49°55' L.	2.08	206	✓
5°00'	46°40' L.	1.93	195	✓
4°45'	40°45' L.	1.84	184	✓
4°45'	35°30' L.	1.93	193	✓
4°30'	29°40' L.	2.11	211	✓
4°00'	25°05' L.	2.33	233	✓
3°35'	21°50' L.	2.53	253	✓

215 ft Bottom

3°00'	19°15' L.	2.48	248	✓
3°15'	23°15' L.	2.21	221	✓
3°20'	29°00' L.	1.94	194	✓
3°30'	33°55' L.	1.79	179	✓
3°30'	39°45' L.	1.75	175	✓
4°30'	45°55' L.	1.79	179	✓
4°25'	44°45' L.	1.53	153	✓
4°50'	50°35' L.	1.35	135	✓
5°30'	61°20' L.	1.16	114	✓
6°00'	74°25' L.	1.05	103	✓
6°30'	90°48' L.	1.00	98	✓
6°30'	107°30' L.	1.12	109	✓
5°00'	117°10' L.	1.24	122	✓
5°00'	127°20' L.	1.42	140	✓

210 ft Bottom

2°30'	131°20' L.	1.37	139	✓

2°50′	125°25′	1.24	124	✓
3°10′	114°55′	1.00	100	✓
3°00′	99°07′	0.86	86	✓
3°10′	78°38′	0.88	88	✓
3°30′	61°30′	0.97	97	✓
3°00′	47°00′	1.17	117	✓
2°30′	38°43′	1.39	139	✓
3°20′	41°00′	1.64	164	✓
2°00′	32°30′	1.64	164	✓
2°00′	26°10′	1.83	183	✓
2°00′	20°35′	2.09	209	✓
2°00′	16°00′	2.47	247	✓

205 ft Contour

0°30′	13°40′	2.38	238	✓
0°30′	15°15′	2.07	207	✓
0°30′	14°35′	1.90	190	✓
0°30′	9°45′	1.73	173	✓

1°00′	38°35′	1.57	157	✓
1°00′	29°20′	1.35	135	✓
0°30′	38°00′	1.14	114	✓
0°30′	48°55′	0.95	95	✓
0°40′	66°45′	0.76	76	✓
0°15′	90°40′	0.70	70	✓
0°15′	108°15′	0.75	75	✓
0°15′	124°10′	0.88	88	✓
0°15′	133°15′	1.18	118	✓

200 ft Contour

1°45′	138°50′	1.08	108	✓
2°20′	132°20′	0.78	78	✓
1°20′	112°30′	0.61	61	✓
1°00′	92°50′	0.59	59	✓
1°30′	69°20′	0.74	74	✓
1°30′	36°35′	1.03	103	✓
1°30′	21°20′	1.31	131	✓

1°00'	22°35'L	1.60	160	
0°30'	16°30'L	1.82	182	

195 ft Contour

3°00'	31°15'L	1.00	100	✓
3°20'	35°40'L	0.75	75	✓
5°00'	50°00'L	0.57	55	✓
5°20'	85°20'L	0.44	42	✓
5°30'	126°30'L	0.50	48	✓
3°00'	142°45'L	0.74	74	✓
2°40'	144°55'L	1.00	100	✓

Δ Pt on Pound Canyon base line at N. 11+41

→ N. 13+66

210 ft Contour

4°00'	158°38'L	1.70	170	✓
4°35'	162°25'L	1.42	142	✓

4°50'	152°30'L	1.21	121	✓
6°00'	144°55'L	1.02	100	✓

215 ft Contour

3°00'	154°25'L	1.75	175	✓
3°00'	152°05'L	1.53	153	✓
3°00'	146°45'L	1.27	127	✓
3°30'	140°20'L	1.02	102	✓
6°00'	132°25'L	0.67	65	✓
6°30'	128°30'L	0.39	37	✓
6°30'	92°25'L	0.35	32	✓
7°00'	49°50'L	0.44	42	✓

220 ft Contour

0°45'	154°40'L	1.60	160	✓
1°00'	118°35'L	1.36	136	✓
1°00'	95°45'L	1.09	109	✓
1°00'	29°25'L	0.79	79	✓

1°00′	42°12′L	0.62	62	✓
1°00′	65°25′L	0.50	50	✓
1°00′	89°30′L	0.50	50	✓
1°10′	114°00′L	0.64	64	✓
1°00′	131°20′L	0.97	97	✓
1°00′	141°00′L	1.38	138	✓
1°00′	146°20′L	1.60	160	✓
0°30′	149°55′L	1.84	184	✓

295 ft. Bottom

0°30′	145°10′L	1.91	191	✓
0°30′	140°10′L	1.63	163	✓
0°30′	135°40′L	1.47	147	✓
0°30′	129°38′L	1.14	114	✓
0°30′	115°55′L	0.88	88	✓
0°30′	98°05′L	0.67	67	✓
0°30′	76°25′L	0.65	65	✓
0°30′	47°20′L	0.76	76	✓

0°30′	34°30′L	0.96	96	✓
0°30′	27°00′L	1.34	134	✓
0°30′	26°15′L	1.60	160	✓
0°30′	19°45′L	1.81	181	✓

230 ft. Bottom

7°15′	26°00′L	1.84	184	✓
2°00′	27°25′L	1.70	170	✓
2°30′	36°00′L	1.38	138	✓
2°40′	42°40′L	1.07	107	✓
3°00′	60°20′L	0.84	84	✓
3°15′	85°00′L	0.80	80	✓
3°00′	100°35′L	0.85	85	✓
3°00′	115°20′L	1.05	105	✓
3°00′	125°30′L	1.26	126	✓
2°30′	131°10′L	1.54	154	✓
2°00′	137°50′L	1.75	175	✓
1°45′	143°10′L	2.03	203	✓

96

235 ft. Contour

2°45'	140°15' L	2.11	211	✓
3°00'	134°55' L	1.85	185	✓
4°00'	127°15' L	1.62	162	✓
4°00'	121°48' L	1.35	135	✓
5°00'	109°45' L	1.12	111	✓
6°25'	87°45' L	0.97	95	✓
6°30'	72°52' L	0.97	95	✓
6°00'	54°22' L	1.14	112	✓
4°40'	42°40' L	1.33	133	✓
3°30'	36°20' L	1.53	153	✓
2°30'	33°40' L	1.76	176	✓
3°00'	32°05' L	1.94	194	✓

240 ft. Contour

4°35'	35°20' L	2.06	206	✓
5°00'	37°55' L	1.78	176	✓
5°30'	42°55' L	1.58	156	✓
6°00'	47°00' L	1.41	139	✓
7°00'	57°30' L	1.20	118	✓
8°00'	75°30' L	1.15	112	✓
7°30'	91°35' L	1.13	111	✓
7°00'	108°40' L	1.24	122	✓
6°50'	118°35' L	1.47	145	✓
5°30'	123°42' L	1.72	170	✓
4°45'	130°55' L	1.88	188	✓
4°15'	136°05' L	2.08	208	✓
4°15'	138°25' L	2.26	226	✓

245 ft. Contour

5°15'	136°25' L	2.32	230	✓
5°30'	133°50' L	2.12	210	✓
6°00'	126°10' L	1.94	192	✓
7°10'	117°30' L	1.82	180	✓
7°45'	117°50' L	1.68	166	✓
8°00'	111°20' L	1.40	139	✓

8°35'	104°22'L	1.30	127	✓
9°15'	92°15'L	1.25	121	✓
9°00'	77°55'L	1.27	123	✓
8°30'	59°15'L	1.34	131	✓
7°15'	48°20'L	1.58	156	✓
6°00'	39°50'L	1.94	192	✓
5°50'	38°05'L	2.18	216	✓

250 ft. Contour.

7°00'	40°15'L	2.26	224	✓
7°30'	42°18'L	2.00	196	✓
8°30'	47°55'L	1.74	170	✓
9°30'	56°00'L	1.53	148	✓
10°10'	68°15'L	1.42	137	✓
10°30'	79°10'L	1.40	135	✓
10°30'	84°35'L	1.40	135	✓
10°40'	97°05'L	1.38	133	✓
9°30'	109°15'L	1.56	151	✓

8°15'	116°05'L	1.87	184	✓
7°30'	124°00'L	2.00	198	✓
7°00'	130°20'L	2.13	211	✓
6°30'	133°45'L	2.42	238	✓

255 ft. Contour

7°15'	133°25'L	2.53	248	✓
7°45'	130°15'L	2.26	221	✓
8°35'	125°20'L	2.14	208	✓
9°00'	119°20'L	2.07	201	✓
10°00'	111°00'L	1.84	178	✓
11°15'	104°00'L	1.59	153	✓
12°00'	92°25'L	1.45	138	✓
11°30'	84°40'L	1.53	147	✓
11°25'	70°20'L	1.57	158	✓
11°00'	59°35'L	1.57	151	✓
10°15'	53°00'L	1.80	174	✓
9°00'	45°45'L	2.00	194	✓

8°00'	42°45' L	2.30	224	✓

260 ft Contour.

8°25'	43°45' L	2.44	238	✓
9°25'	46°10' L	2.22	216	✓
10°05'	48°22' L	2.03	195	✓
11°10'	54°35' L	1.88	180	✓
12°10'	61°10' L	1.70	162	✓
12°30'	77°50' L	1.65	157	✓
13°00'	84°48' L	1.62	153	✓
13°00'	91°30' L	1.55	146	✓
13°00'	111°42' L	1.69	160	✓ ?
11°00'	101°35' L	1.90	182	✓
10°30'	113°18' L	2.12	204	✓
9°00'	122°15' L	2.21	215	✓
8°50'	128°30' L	2.33	227	✓
8°00'	131°48' L	2.58	252	✓

Δ Pt. on Pound Canyon base line at N 13+66

→ line produced

260 ft Contour.

5°00'	99°10' L	1.77	175	✓
5°00'	92°05' L	2.02	200	✓
4°00'	84°35' L	2.32	230	✓
4°30'	80°22' L	2.22	222	✓
4°20'	78°12' L	2.07	207	✓
5°00'	75°05' L	1.88	186	✓
5°30'	67°47' L	1.65	163	✓
4°30'	57°35' L	1.95	195	✓
4°00'	52°55' L	2.25	225	✓
4°10'	47°40' L	2.53	253	✓
3°15'	43°15' L	2.73	273	✓
3°30'	41°45' L	3.05	305	✓
3°00'	40°00' L	3.37	337	✓
3°00'	37°25' L	3.57	257	✓ ?

3°00'	3°00' L	3.80	380	✓
100 [illegible] correct with right reading				
stick of quebr.				
2°30'	36°35' L	4.28	428	✓
2°30'	33°20' L	4.00	400	✓
3°00'	31°55' L	3.67	367	✓
3°00'	31°00' L	3.45	345	✓
3°00'	30°55' L	3.20	320	✓
3°00'	28°30' L	2.95	295	✓
3°30'	25°45' L	2.64	264	✓
4°00'	25°30' L	2.48	248	✓
4°10'	21°55' L	2.17	217	✓
4°30'	19°05' L	2.01	201	✓
4°30'	18°15' L	2.00	200	✓
4°20'	10°10' L	2.10	210	✓
4°20'	7°15' L	2.00	200	✓
4°30'	3°00' L	2.04	204	✓
5°30'	0°20' R	1.81	179	✓
6°00'	14°0' R	1.54	152	✓
6°30'	9°00' R	1.31	129	✓
7°45'	18°05' R	1.22	119	✓
8°30'	20°10' R	1.02	99	✓
11°00'	27°40' R	0.83	79	✓
15°20'	45°50' R	0.59	54	✓
20°00'	70°05' R	0.46	40	✓
21°00'	79°40' R	0.43	37	✓
25 ft (contour)				
19°00'	100°00' R	0.31	27	✓
14°00'	65°15' R	0.39	34	✓
8°00'	25°15' R	0.70	68	✓
5°45'	13°25' R	1.11	109	✓
4°00'	4°35' R	1.24	124	✓
4°00'	1°45' L	1.48	148	✓
3°00'	7°00' L	1.91	191	✓
3°15'	11°55' L	1.83	183	✓

104

3°15'	20°00' L	1.86	186	✓
3°00'	25°25' L	2.12	212	✓
2°30'	26°25' L	2.43	243	✓
2°30'	28°55' L	2.74	274	✓
2°30'	31°30' L	3.07	307	✓
2°00'	32°35' L	3.38	338	✓
2°00'	33°20' L	3.75	375	✓
2°00'	35°30' L	4.05	405	✓
2°10'	36°25' L	4.12	412	

Do not connect with next reading —

Head of Gulch 3.72

2°00'	36°15' L	2.00	200	
2°00'	36°37' L	3.56	356	✓
2°30'	40°00' L	3.25	325	✓
2°30'	40°07' L	2.87	287	✓
2°30'	43°55' L	2.54	254	✓
2°30'	46°48' L	2.40	240	✓
2°45'	50°25' L	2.24	224	✓

3°15'	53°45' L	2.02	202	✓
3°15'	58°45' L	1.68	168	✓
3°40'	67°25' L	1.46	146	✓
3°30'	76°30' L	1.72	172	✓
3°30'	79°35' L	2.00	200	✓
3°30'	84°15' L	2.20	220	✓
3°15'	90°10' L	1.91	191	✓
3°30'	109°35' L	1.67	167	✓

250 ft. Contour

2°30'	103°52' L	1.57	157	✓
2°00'	94°35' L	1.63	163	✓
2°00'	89°25' L	1.80	180	✓
2°20'	84°20' L	2.04	204	✓
2°30'	80°50' L	1.83	183	✓
2°30'	78°00' L	1.63	163	✓
2°30'	69°25' L	1.34	134	✓
2°30'	58°40' L	1.54	154	✓

106

2°30'	52°42'L	1.90	190	✓
1°40'	45°48'L	2.26	226	✓
1°30'	41°05'L	2.57	257	✓
1°30'	38°35'L	2.90	290	✓
1°30'	38°20'L	3.23	323	✓
1°30'	35°25'L	3.47	347	✓
2°00'	35°45'L	3.98	398	✓
1°30'	34°30'L	3.74	374	✓
1°30'	34°15'L	3.43	343	✓
1°30'	33°12'L	2.96	296	✓
1°30'	30°40'L	2.65	265	✓
3°00'	28°42'L	2.53	253	✓
3°00'	33°40'L	2.20	220	✓
1°45'	29°36'L	1.93	193	✓
2°00'	21°10'L	1.73	173	✓
1°50'	12°10'L	1.72	172	✓
2°00'	7°08'L	1.78	178	✓
2°00'	6°40'L	1.45	145	✓

2°30'	1°10'L	1.24	124	✓
3°30'	8°45'R	1.05	105	✓
4°30'	11°30'R	0.82	82	✓
5°00'	12°35'R	0.50	49	✓
7°30'	37°20'R	0.34	37	✓
14°45'	90°30'R	0.14	14	✓

245 ft. Continued

0°00'	90°00'R	0.10	10	✓
3°00'	24°40'R	0.20	20	✓
3°00'	6°20'R	0.43	43	✓
1°30'	3°35'R	0.79	79	✓
1°40'	3°15'L	1.10	110	✓
1°30'	9°35'L	1.32	132	✓
1°00'	10°35'L	1.60	160	✓
1°00'	21°48'L	1.52	152	✓
1°00'	39°55'L	1.83	183	✓
1°00'	37°45'L	2.12	212	✓

1°00′	31°15′L	2.48	248	✓
0°30′	33°35′L	2.77	277	✓
0°30′	35°40′L	3.23	323	✓
0°30′	37°12′L	2.93	293	✓
0°30′	37°25′L	2.58	258	✓
0°30′	39°10′L	2.37	237	✓
0°45′	45°30′L	2.04	204	✓
1°00′	52°35′L	1.60	160	✓
1°00′	59°15′L	1.28	128	✓
1°00′	69°10′L	1.15	115	✓
1°00′	78°55′L	1.38	138	✓
2°00′	82°10′L	1.75	175	✓
2°15′	85°15′L	1.76	176	✓
1°00′	90°45′L	1.58	158	✓
0°00′	99°50′L	1.43	143	✓

740 ft. Canton.

1°30′	104°30′L	1.32	132	✓
1°30′	95°40′L	1.36	136	✓
2°00′	89°22′L	1.47	147	✓
1°30′	86°20′L	1.58	158	✓
1°15′	83°55′L	1.28	128	✓
1°00′	80°00′L	1.01	101	✓
1°30′	60°20′L	1.07	107	✓
1°30′	51°30′L	1.33	133	✓
1°00′	46°20′L	1.66	166	✓
1°00′	40°30′L	2.12	212	✓
0°45′	34°45′L	2.47	247	✓
0°30′	34°42′L	1.97	197	✓
1°00′	31°25′L	1.67	167	✓
1°00′	25°35′L	1.33	133	✓
1°00′	15°00′L	1.43	143	✓
1°00′	15°35′L	1.10	110	✓
1°00′	15°10′L	0.95	95	✓
1°00′	9°22′L	0.87	87	✓
2°30′	9°12′L	0.50	50	✓

110.

5°30′	11°00′L	0.22	22	
6°00′	81°00′L	0.03	03	✓

235 ft. Contour

4°00′	86°30′L	0.16	15	✓
10°30′	36°12′L	0.33	31	✓
4°45′	31°10′L	0.67	67	✓
4°80′	22°42′L	0.89	87	✓
3°00′	20°05′L	1.16	116	✓
3°00′	30°55′L	1.18	118	✓
2°00′	38°05′L	1.84	184	✓
3°00′	43°35′L	1.33	133	✓
3°00′	49°00′L	1.07	107	✓
3°45′	58°30′L	0.88	88	✓
3°30′	76°35′L	0.82	82	✓
4°00′	89°00′L	0.88	88	✓
3°15′	88°25′L	132	132	✓
3°00′	96°00′L	1.22	122	✓
3°00′	116°00′L	1.14	114	✓

230 ft. Contour

6°00′	116°30′L	0.98	96	✓
5°30′	105°00′L	1.04	103	✓
4°55′	94°35′L	1.12	112	✓
7°00′	100°00′L	0.82	80	✓
8°30′	80°20′L	0.66	64	✓
7°25′	56°40′L	0.77	75	✓
5°00′	39°25′L	1.17	116	✓
5°55′	33°35′L	0.98	97	✓
8°00′	40°10′L	0.72	70	✓
13°00′	62°05′L	0.40	37	✓
15°15′	90°35′L	0.35	32	✓

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△ Pt on Pound Canyon base line at N 11+41

→ N 13+66

225 ft Contour

0°30'	12°10' L	2.32	232	✓
0°30'	13°45' L	1.94	194	✓
0°40'	11°00' L	1.56	156	✓
0°30'	9°25' L	1.23	123	✓
0°30'	3°35' L	0.84	84	✓
0°15'	2°55' L	0.40	40	✓
2°45'	41°30' R	0.12	12	✓
0°00'	96°45' R	0.08	08	✓
0°30'	155°30' R	0.29	29	✓
0°15'	169°00' R	0.61	61	✓
0°15'	174°20' R	0.86	86	✓
1°00'	173°00' R	1.08	108	✓

3/17/03 Alvarado
[illegible]
[illegible]
[illegible]

230 ft Contour

2°30'	169°00' R	1.10	110	✓
3°00'	163°30' R	0.78	78	✓
5°00'	154°42' R	0.62	62	✓
5°00'	150°15' R	0.43	43	✓
7°00'	119°45' R	0.28	26	✓
10°00'	75°40' R	0.20	18	✓
7°00'	33°30' R	0.41	40	✓
3°45'	14°45' R	0.61	61	✓
3°00'	5°00' R	0.93	93	✓
2°30'	0°45' L	1.26	126	✓
2°30'	4°00' L	1.60	160	✓
2°00'	7°25' L	1.96	196	✓
2°00'	8°35' L	2.25	225	✓

235 ft. Contours

3°15'	3°30' L	2.18	218	✓
2°00'	1°20' L	1.80	180	✓
4°00'	2°50' R	1.51	151	✓
5°00'	9°15' R	1.22	121	✓
6°00'	17°08' R	0.96	95	✓
6°30'	32°30' R	0.70	69	✓
10°45'	47°45' R	0.48	46	✓
12°45'	95°40' R	0.38	36	✓
9°40'	137°30' R	0.51	50	✓
9°15'	149°50' R	0.80	79	✓
5°30'	159°25' R	0.99	98	✓
5°00'	162°22' R	1.13	112	✓

240 ft. Contours

7°00'	158°00' R	1.17	115	✓
8°30'	151°50' R	0.99	96	✓
10°40'	137°25' R	0.80	77	✓
12°00'	117°10' R	0.60	56	✓
16°35'	99°00' R	0.57	46	✓
15°00'	73°05' R	0.56	52	✓
11°00'	48°50' R	0.72	69	✓
9°45'	35°20' R	0.91	88	✓
7°30'	19°35' R	1.12	110	✓
6°30'	13°20' R	1.34	132	✓
5°30'	8°35' R	1.55	154	✓
5°00'	4°00' R	1.73	172	✓
4°45'	1°30' R	1.92	192	✓
4°00'	0°30' L	2.16	216	✓

245 ft. Contours

5°30'	1°45' R	2.24	221	✓
6°00'	1°20' R	1.95	192	✓
7°00'	10°15' R	1.68	165	✓
7°00'	15°30' R	1.53	150	✓
9°00'	19°25' R	1.30	126	✓

9°40'	24°25'R	1.18	114	✓
11°00'	37°35'R	1.04	100	✓
12°20'	50°40'R	0.92	88	✓
15°30'	70°40'R	0.74	68	✓
18°30'	90°00'R	0.62	55	✓
15°20'	120°20'R	0.75	69	✓
12°30'	133°50'R	0.92	88	✓
10°30'	148°00'R	1.10	106	✓
10°10'	152°40'R	1.24	120	✓

250 ft Contour

11°30'	149°15'R	1.31	125	✓
12°45'	141°15'R	1.13	107	✓
14°30'	128°15'R	1.00	93	✓
17°00'	111°30'R	0.88	80	✓
18°00'	89°10'R	0.83	75	✓
17°00'	71°35'R	0.88	80	✓
13°40'	56°30'R	1.07	101	✓

13°00'	43°40'R	1.18	112	✓
12°00'	33°35'R	1.22	116	✓
11°00'	24°45'R	1.38	132	✓
9°10'	18°15'R	1.65	160	✓
8°00'	12°45'R	1.81	177	✓
7°30'	8°12'R	1.97	193	✓
6°30'	4°05'R	2.22	218	✓

255 ft Contour

8°00'	7°55'R	2.22	217	✓
8°35'	11°00'R	1.98	193	✓
9°20'	17°40'R	1.84	179	✓
11°20'	24°38'R	1.64	158	✓
12°10'	35°40'R	1.41	134	✓
13°30'	42°35'R	1.29	121	✓
14°20'	55°10'R	1.23	115	✓
16°00'	65°45'R	1.12	103	✓
19°00'	79°45'R	0.96	85	✓

15°40'	100°55'R	0.94	84	✓
16°00'	118°18'R	1.04	94	✓
15°15'	131°15'R	1.16	107	✓
13°00'	145°35'R	1.38	130	✓

260 ft. Contour

14°30'	141°35'R	1.47	137	✓
16°00'	134°55'R	1.32	121	✓
17°30'	124°10'R	1.20	109	✓
18°30'	111°30'R	1.14	101	✓
19°30'	95°55'R	1.07	94	✓
18°55'	80°45'R	1.10	97	✓
16°30'	67°30'R	1.24	113	✓
15°30'	54°15'R	1.37	127	✓
14°45'	45°00'R	1.38	128	✓
13°50'	32°50'R	1.49	140	✓
12°45'	27°45'R	1.71	165	✓
10°30'	20°10'R	1.93	186	✓

10°00'	13°20'R	2.07	200	✓
9°30'	11°00'R	2.16	210	✓

△ Pt on Pound Canyon base line at N. 9+10

→ N. 13+66

260 ft. Contour

16°45'	43°45'R	1.49	136	✓
20°30'	54°40'R	1.23	107	✓
22°00'	70°40'R	1.03	86	✓
24°30'	89°50'R	1.00	83	✓

255 ft. Contour

23°30'	69°30'R	0.88	74	✓
22°45'	70°10'R	0.90	76	✓
20°20'	55°15'R	1.00	88	✓
17°00'	43°40'R	1.27	116	✓
14°40'	36°38'R	1.43	133	✓

250 ft Contour.

14°30'	36°05'R	1.33	123	✓
17°30'	45°35'R	1.07	96	✓
20°00'	56°35'R	0.87	75	✓
23°00'	81°22'R	0.77	63	✓
23°15'	92°10'R	0.78	64	✓

245 ft. Contour.

22°30'	96°50'R	0.63	54	✓
21°15'	70°30'R	0.67	58	✓
19°00'	50°00'R	0.76	68	✓
16°00'	41°40'R	0.98	90	✓
13°00'	34°25'R	1.21	114	✓
10°15'	28°38'R	1.27	122	✓

240 ft. Contour

9°10'	22°55'R	1.24	121	✓
11°00'	29°35'R	1.11	106	✓
14°30'	37°08'R	0.80	75	✓
17°30'	45°30'R	0.64	58	✓
21°10'	78°18'R	0.52	43	✓
21°30'	102°10'R	0.57	48	✓

235 ft Contour

19°00'	103°45'R	0.43	38	✓
18°20'	91°50'R	0.43	38	✓
13°30'	37°22'R	0.58	55	✓
11°30'	31°00'R	0.78	74	✓
8°50'	25°20'R	1.05	102	✓
6°35'	16°30'R	1.18	116	✓

230 ft Contour

5°00'	13°50'R	1.12	111	✓
6°00'	20°00'R	0.92	91	✓
7°15'	21°00'R	0.62	61	✓
11°00'	46°20'R	0.38	36	✓

14°45'	82°00'R	0.28	26	✓
5°00'	110°50'R	0.30	28	✓

225 ft. Contour

11°30'	115°45'R	0.21	20	✓
8°00'	50°45'R	0.22	21	✓
4°00'	19°20'R	0.41	41	✓
3°10'	13°10'R	0.62	62	✓
5°00'	14°10'R	0.90	90	✓
2°30'	7°35'R	1.10	110	✓

220 ft. Contour

0°00'	5°20'L	3.65	365	✓
0°00'	5°20'L	3.30	330	✓
0°00'	2°45'L	2.98	298	✓
0°15'	3°00'L	2.57	257	✓
0°15'	0°45'L	2.22	222	✓
0°15'	1°00'L	1.83	183	✓

0°10'	1°35'L	1.51	151	✓
0°10'	1°20'R	1.10	110	✓
0°30'	5°10'R	0.83	83	✓
0°30'	1°55'R	0.60	60	✓
0°30'	4°15'R	0.32	32	✓
0°00'	6°30'R	0.07	07	✓
0°00'	14°00'R	0.08	08	✓

215 ft. Contour

0°00'	10°00'L	0.09	09	✓
1°30'	1°50'L	0.25	25	✓
3°15'	1°40'L	0.57	57	✓
1°45'	3°15'L	0.89	89	✓
1°30'	4°45'L	1.19	119	✓
1°30'	7°45'L	1.56	156	✓
1°30'	5°45'L	1.84	184	✓
1°00'	5°10'L	2.32	232	✓
1°00'	5°25'L	2.83	283	✓

210 ft Contour

2°20'	11°30' L	1.87	187	✓
2°00'	14°50' L	1.50	150	✓
2°30'	10°20' L	1.10	110	✓
3°30'	11°00' L	0.87	87	✓
4°30'	23°22' L	0.66	66	✓
10°00'	36°35' L	0.32	31	✓
13°45'	95°15' L	0.21	20	✓

205 ft Contour

16°00'	98°00' L	0.43	41	✓
14°30'	46°10' L	0.44	42	✓
9°00'	30°30' L	0.71	70	✓
8°00'	20°00' L	0.90	89	✓
8°00'	30°00' L	0.88	87	✓

200 ft Contour

17°20'	55°50' L	0.56	52	✓

19°00'	94°45' L	0.54	50	✓

△ Pt on Pound Canyon base line

at N 7+35

→ N 13+66

195 ft Contour

5°00'	126°00' L	0.50	49	✓
7°15'	81°05' L	0.43	42	✓
4°30'	50°30' L	0.54	54	✓
3°00'	34°05' L	0.77	77	✓
3°00'	26°40' L	1.02	102	✓
4°00'	29°30' L	0.75	75	✓
5°00'	39°35' L	0.44	43	✓
9°40'	80°45' L	0.21	20	✓
12°00'	157°05' L	0.20	19	✓
9°00'	171°30' R	0.33	32	✓
6°00'	178°30' R	0.54	53	

200 ft. Contour

1°00'	164°20'R	0.65	65	✓
1°00'	155°15'R	0.39	39	✓
0°45'	136°45'R	0.33	33	✓
0°00'	167°30'R	0.08	08	✓
0°00'	55°00'L	0.07	07	✓
0°45'	25°30'L	0.33	33	✓
0°30'	21°15'L	0.69	69	✓
0°30'	18°30'L	0.98	98	✓
0°30'	13°30'L	1.14	114	✓
0°30'	14°05'L	1.33	133	✓
0°30'	19°10'L	1.60	160	✓

205 ft. Contour

1°00'	12°45'L	1.57	157	✓
2°30'	6°20'L	1.18	118	✓
2°00'	14°35'L	0.96	96	✓
1°30'	8°30'L	0.69	69	✓
1°30'	1°30'R	0.36	36	✓
1°30'	8°30'R	0.19	19	✓
1°30'	11°05'R	0.47	47	✓
1°30'	14°00'R	0.53	53	✓
1°30'	15°05'R	0.82	82	✓

210 ft. Contour

3°30'	15°00'R	1.00	100	✓
4°00'	14°15'R	0.77	77	✓
5°00'	12°50'R	0.60	59	✓
5°30'	10°05'R	0.63	62	✓
7°30'	8°30'R	0.42	41	✓
10°00'	4°35'R	0.38	37	✓
6°15'	1°05'R	0.53	52	✓
4°00'	0°25'L	0.83	83	✓
4°30'	3°15'L	1.05	105	✓
4°45'	3°45'L	1.26	126	✓
2°45'	6°55'L	1.53	153	✓

215 ft. Bottom

4°45'	22°0'	1.50	150	✓
6°00'	32°0' R	1.20	118	✓
7°00'	9°05' R	0.91	90	✓
9°45'	31°00' R	0.65	63	✓
12°30'	62°15' R	0.52	49	✓
10°00'	83°50' R	0.62	60	✓
7°50'	94°15' R	0.81	80	✓
8°30'	120°05' R	0.72	71	✓
7°00'	136°20' R	2.88	87	✓
5°30'	143°35' R	1.19	116	✓

220 ft. Bottom

8°00'	139°45' R	1.42	140	✓
8°00'	131°30' R	1.23	121	✓
9°30'	134°30' R	1.03	101	✓
10°40'	119°20' R	0.88	87	✓
9°45'	96°10' R	0.96	94	✓
11°00'	83°10' R	0.85	81	✓
14°35'	68°45' R	0.67	63	✓
13°15'	44°45' R	0.70	66	✓
7°00'	30°45' R	0.83	80	✓
9°00'	13°10' R	1.02	100	✓
7°40'	7°55' R	1.30	127	✓
6°00'	2°15' R	1.57	156	✓

325 ft. Bottom

8°45'	8°15' R	1.56	157	✓
10°25'	15°00' R	1.31	126	✓
12°10'	19°55' R	1.11	106	✓
12°45'	35°50' R	0.96	91	✓
15°45'	53°20' R	0.78	77	✓
15°30'	71°00' R	0.84	78	✓
11°15'	92°50' R	1.10	106	✓
12°35'	113°40' R	0.98	93	✓
11°30'	129°50' R	1.08	104	✓

10°30′	134°30′R	1.29	124	✓
9°15′	136°10′R	1.56	151	✓
8°00′	137°45′R	1.60	156	✓

230 ft. Continued

9°00′	136°45′R	1.72	168	✓
11°35′	132°50′R	1.66	161	✓
11°45′	131°00′R	1.38	131	✓
13°00′	125°20′R	1.22	115	✓
14°00′	115°10′R	1.11	104	✓
12°30′	94°30′R	1.25	119	✓
14°00′	83°15′R	1.13	106	✓
16°15′	68°00′R	0.95	87	✓
17°25′	54°20′R	0.90	82	✓
14°45′	41°45′R	1.02	95	✓
13°00′	26°05′R	1.17	110	✓
12°00′	19°25′R	1.37	131	✓
10°00′	13°20′R	1.53	147	✓

235 ft. Continued

11°00′	15°00′R	1.65	158	✓
12°35′	21°15′R	1.50	142	✓
14°45′	27°15′R	1.30	121	✓
16°30′	45°00′R	1.15	105	✓
18°30′	55°50′R	1.02	91	✓
15°00′	77°50′R	1.25	116	✓
13°30′	94°45′R	1.36	128	✓
15°00′	108°18′R	1.23	114	✓
14°00′	122°00′R	1.33	124	✓
12°30′	129°05′R	1.80	172	✓
10°15′	135°50′R	1.80	174	✓

240 ft. Continued

11°20′	135°50′R	1.92	184	✓
12°30′	126°50′	1.93	180	✓
14°00′	122°30′R	1.63	151	✓
15°30′	120°00′R	1.38	128	✓

15°45'	106°00'R	1.38	138	✓
14°45'	94°00'R	1.50	141	✓
15°30'	85°30'R	1.39	139	✓
16°00'	75°35'R	1.38	127	✓
19°15'	58°30'R	1.13	100	✓
17°30'	48°38'R	1.28	116	✓
16°00'	38°50'R	1.31	120	✓
15°00'	26°55'R	1.40	130	✓
13°00'	22°30'R	1.60	152	✓
12°25'	16°25'R	1.73	165	✓

24th Contour

14°00'	21°30'R	1.78	167	✓
15°30'	28°15'R	1.67	155	✓
17°15'	35°05'R	1.49	136	✓
17°45'	48°50'R	1.39	126	✓
20°00'	60°00'R	1.28	113	✓
17°00'	74°00'R	1.50	127	✓
17°00'	85°35'R	1.50	127	✓
15°10'	91°35'R	1.63	151	✓
16°00'	100°25'R	1.54	142	✓
17°00'	110°45'R	1.46	133	✓
17°00'	117°25'R	1.51	138	✓
15°00'	133°30'R	2.00	186	✓
12°25'	133°30'R	1.97	188	✓
12°00'	135°30'R	2.00	191	

25th Contour

13°00'	135°00'R	2.10	199	✓
14°40'	134°10'R	2.17	203	✓
16°50'	118°00'R	1.90	174	✓
17°00'	116°45'R	1.63	149	✓
17°30'	108°40'R	1.60	146	✓
15°00'	95°30'R	1.74	162	✓
16°40'	88°30'R	1.75	160	✓
17°30'	83°00'R	1.58	144	✓

17°20'	73°40'R	1.60	146	✓
17°30'	65°10'R	1.45	137	✓
20°15'	58°35'R	1.42	135	✓
18°50'	51°00'R	1.54	138	✓
18°00'	38°30'R	1.53	137	✓
16°30'	30°20'R	1.78	164	✓
14°45'	24°22'R	1.87	173	✓

255 ft. Contour.

16°00'	26°45'R	1.95	180	✓
17°30'	34°15'R	1.83	166	✓
19°10'	42°30'R	1.67	149	✓
19°30'	53°05'R	1.60	142	✓
21°00'	60°30'R	1.58	137	✓
19°00'	70°20'R	1.75	157	✓
18°00'	82°50'R	1.77	160	✓
16°30'	88°55'R	1.88	173	✓
17°00'	99°25'R	1.80	163	✓
18°15'	110°35'R	1.73	156	✓
16°30'	117°30'R	2.10	194	✓
15°00'	122°30'R	2.28	212	✓
13°45'	130°12'R	2.20	207	✓
13°45'	134°35'R	2.23	210	✓

260 ft. Contour.

14°35'	133°35'R	2.23	209	✓
14°00'	126°15'R	2.38	214	✓
15°30'	121°00'R	2.38	221	✓
18°00'	115°50'R	2.30	208	✓
18°25'	109°35'R	1.88	169	✓
17°30'	97°50'R	1.96	178	✓
17°15'	86°30'R	1.96	178	✓
19°00'	80°20'R	1.81	161	✓
19°15'	70°40'R	1.88	169	✓
21°00'	60°00'R	1.68	146	✓
19°45'	51°45'R	1.75	155	✓

19°15'	19°30'R	1.76	156	✓ ?
17°00'	31°40'R	2.00	187	✓

△ Flow Pound Canyon base line at N 4+05

→ N 13+66

260 ft. Contour.

17°00'	45°20'R	2.44	226	✓
19°00'	51°20'R	2.40	214	✓
20°15'	56°35'R	2.10	184	✓
21°00'	61°05'R	1.98	172	✓
21°30'	72°18'R	1.97	171	✓
22°30'	82°35'R	1.90	162	✓
22°45'	92°30'R	1.95	167	✓

255 ft. Contour

22°30'	92°10'R	1.76	150	✓
22°30'	77°40'R	1.76	150	✓
20°45'	71°00'R	1.87	164	✓
20°00'	56°50'R	1.91	168	✓
18°45'	49°20'R	2.25	207	✓
16°00'	40°40'R	2.41	220	✓

250 ft. Contour

14°30'	37°35'R	2.38	223	✓
16°00'	41°30'R	2.17	198	✓
18°30'	47°10'R	2.10	188	✓
19°45'	54°30'R	1.83	160	✓
19°45'	69°15'R	1.75	152	✓
22°00'	77°00'R	1.59	136	✓
21°35'	83°50'R	1.60	138	✓
22°00'	90°30'R	1.62	139	✓

245 ft. Contour

21°45'	90°30'R	1.53	131	✓
21°00'	83°20'R	1.55	133	✓

21°15′	20°40′R	1.56	134	✓	?
19°30′	67°50′R	1.66	147	✓	
19°00′	51°30′R	1.68	149	✓	
17°00′	45°30′R	1.97	180	✓	
14°10′	36°55′R	2.20	206	✓	

240 ft Contour.

13°00′	33°25′R	2.21	209	✓
13°50′	36°45′R	2.04	192	✓
15°30′	42°10′R	1.90	176	✓
17°45′	48°00′R	1.58	143	✓
18°50′	65°45′R	1.55	139	✓
20°45′	75°25′R	1.43	125	✓
20°30′	83°35′R	1.43	125	✓
21°00′	89°20′R	1.40	122	✓

235 ft Contour.

20°30′	89°15′R	1.27	111	✓

19°50′	72°45′R	1.31	116	✓
18°15′	63°40′R	1.43	134	✓
17°00′	48°00′R	1.47	134	✓
14°50′	40°10′R	1.78	166	✓
12°25′	33°10′R	2.00	190	✓
11°50′	31°20′R	2.24	214	✓

230 ft Contour.

10°30′	28°38′R	2.22	214	✓
11°30′	30°45′R	1.90	182	✓
13°00′	36°20′R	1.71	162	✓
15°25′	43°15′R	1.43	133	✓
17°10′	62°08′R	1.30	118	✓
19°10′	69°20′R	1.20	107	✓
19°30′	88°20′R	1.14	101	✓

225 ft Contour.

19°30′	89°45′R	1.02	89	✓

18°45′	75°45′R	1.06	95	✓
16°45′	59°42′R	1.18	108	✓
15°00′	42°40′R	1.28	119	✓
12°00′	33°52′R	1.62	155	✓
10°15′	28°20′R	1.82	176	✓
9°00′	25°50′R	2.14	208	✓
9°45′	26°18′R	2.46	239	✓

220 ft. Contour

8°30′	23°50′R	2.38	232	✓
8°00′	23°00′R	2.05	201	✓
9°00′	24°50′R	1.78	174	✓
11°00′	31°00′R	1.57	148	✓
12°45′	36°00′R	1.27	121	✓
15°00′	54°30′R	1.04	97	✓
18°00′	73°30′R	0.91	82	✓
15°30′	91°30′R	0.87	78	✓

215 ft. Contour

14°15′	92°10′R	0.74	69	✓
17°30′	68°15′R	0.81	74	✓
14°00′	55°15′R	0.97	91	✓
10°30′	31°40′R	1.20	116	✓
9°20′	24°20′R	1.53	148	✓
7°50′	22°15′R	1.79	172	✓
6°30′	19°35′R	2.05	203	✓
7°00′	20°10′R	2.33	230	✓

210 ft. Contour

4°45′	12°8′R	2.42	247	✓
6°00′	16°10′R	2.25	223	✓
5°45′	17°05′R	1.92	191	✓
6°00′	18°00′R	1.64	162	✓
7°20′	22°45′R	1.42	139	✓
8°40′	26°30′R	1.18	116	✓
10°00′	33°25′R	0.98	96	✓

12°30′	50°40′R	0.84	81	✓
14°15′	63°42′R	0.67	67	✓
16°15′	94°20′R	0.60	55	✓

205 ft. Contour.

1°30′	93°30′R	0.49	45	✓
1°30′	60°05′R	0.52	49	✓
9°30′	44°50′R	0.72	70	✓
7°15′	26°15′R	0.93	91	✓
5°45′	19°15′R	1.16	115	✓
5°00′	15°40′R	1.53	151	✓
4°15′	12°40′R	1.91	191	✓
4°30′	13°25′R	2.15	215	✓
3°15′	9°18′R	2.43	243	✓

200 ft. Contour

2°00′	4°00′R	2.53	253	✓
2°00′	5°10′R	2.22	222	✓
2°45′	8°15′R	2.07	207	✓
3°00′	8°30′R	1.72	172	✓
3°30′	11°00′R	1.40	140	✓
3°30′	11°35′R	1.13	113	✓
4°30′	20°10′R	0.80	80	✓
6°00′	33°00′R	0.60	59	✓
13°00′	52°45′R	0.41	38	✓
13°30′	94°20′R	0.30	27	✓

Alyengon
3/18/03 Mt Korea
Agrinsola
Pilee

195 ft. Contour

5°00′	100°00′R	0.14	14	✓
2°00′	35°25′R	0.31	31	✓
2°00′	22°30′R	0.53	53	✓
1°45′	10°55′R	0.70	70	✓
2°15′	13°35′R	1.04	104	✓

2°15′	6°25′R	1.42	142	✓
1°00′	4°35′R	1.78	178	✓
1°30′	3°35′R	2.04	204	✓
1°00′	0°55′R	2.37	237	✓
1°00′	8°25′R	2.62	262	✓

190 ft. Contour.

0°00′	4°30′L	3.07	307	✓
0°30′	13°5′L	2.83	283	✓
0°30′	3°52′L	2.42	242	✓
0°30′	1°30′L	1.83	183	✓
0°30′	0°20′R	1.52	152	✓
0°30′	1°00′L	1.19	119	✓
0°30′	0°35′L	0.93	93	✓
0°30′	0°10′R	0.58	58	✓
0°30′	4°20′R	0.34	34	✓
1°00′	7°20′R	0.18	18	✓
0°00′	175°00′R	0.09	09	✓

185 ft. Contour.

0°00′	115°06′L	0.14	14	✓
0°00′	4°50′L	0.22	22	✓
1°25′	13°22′L	0.61	61	✓
1°15′	6°45′L	1.07	107	✓
1°15′	5°12′L	1.55	155	✓
1°15′	8°40′L	2.10	210	✓

180 ft. Contour.

4°30′	4°50′L	1.04	104	✓
6°45′	39°15′L	0.66	66	✓
12°00′	58°10′L	0.34	34	✓
12°30′	116°20′L	0.36	34	✓
9°00′	139°30′L	0.55	54	✓
6°00′	16°20′L	0.77	77	✓

175 ft. Contour.

10°30′	104°30′L	0.51	50	✓

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8°30'	133°30'L	0.71	70	✓
6°00'	155°25'L	0.93	92	✓

△ Pt on Pound Canyon base line at Sta. 66

→ N 4+05

160 ft Contour

3°00'	72°20'R	0.53	53	✓
1°00'	69°00'R	0.97	97	✓
0°30'	65°10'R	1.35	135	✓
0°30'	66°10'R	1.80	180	✓
0°30'	68°35'R	2.23	223	✓
0°30'	71°00'R	2.50	250	✓
0°30'	75°40'R	2.90	290	✓
0°30'	79°35'R	3.27	327	✓
0°30'	83°05'R	3.77	377	✓
0°30'	84°52'R	4.23	423	✓
0°30'	84°55'R	4.40	440	✓

165 ft. Contour

0°00'	83°10'R	4.28	428	✓
0°00'	82°15'R	4.07	407	✓
0°00'	81°10'R	3.87	387	✓
0°00'	78°15'R	3.47	347	✓
0°00'	75°10'R	3.27	327	✓
0°00'	71°20'R	2.97	297	✓
0°00'	66°15'R	2.68	268	✓
0°00'	62°05'R	2.30	230	✓
0°00'	58°38'R	2.05	205	✓
0°00'	53°25'R	1.67	167	✓
0°00'	49°00'R	1.37	137	✓
0°00'	50°25'R	1.01	101	✓
0°00'	47°00'R	0.79	79	✓
0°00'	16°20'R	0.72	72	✓
0°00'	21°20'L	0.77	77	✓

148

170 ft. Contour.

2°45'	15°50'R.	1.77	177	✓
2°30'	22°00'R.	1.54	154	✓
2°35'	31°35'R.	1.44	144	✓
2°45'	41°25'R.	1.62	162	✓
2°30'	48°20'R.	1.96	196	✓
2°00'	57°20'R.	2.41	241	✓
1°45'	62°30'R.	2.68	268	✓
1°30'	66°25'R.	2.90	290	✓
1°20'	69°55'R.	3.20	320	✓
1°15'	75°40'R.	3.57	357	✓
1°15'	78°05'R.	3.77	377	✓
1°00'	80°30'R.	4.17	417	✓

175 ft. Contour.

1°45'	77°30'R.	4.10	410	✓
2°00'	76°20'R.	3.84	384	✓
2°00'	73°40'R.	3.54	354	✓
2°00'	69°10'R.	3.36	336	✓
2°30'	65°52'R.	3.16	316	✓
2°30'	62°45'R.	2.80	280	✓
2°30'	59°20'R.	2.63	263	✓
3°00'	49°45'R.	2.27	227	✓
3°00'	43°50'R.	2.00	200	✓
3°30'	35°52'R.	1.80	180	✓
3°30'	26°10'R.	1.82	182	✓
3°15'	19°25'R.	2.08	208	✓
2°45'	10°45'R.	2.48	248	✓
2°30'	5°20'R.	2.93	293	✓

180 ft. Contour.

3°00'	6°15'R.	3.13	313	✓
3°15'	9°50'R.	2.88	288	✓
2°00'	12°45'R.	2.60	260	✓
4°45'	20°00'R.	2.37	237	✓
4°30'	25°55'R.	2.10	210	✓

4°30'	32°55'R	1.98	198	
4°45'	40°45'R	2.10	210	✓
4°00'	46°50'R	2.37	237	✓
3°30'	51°50'R	2.57	257	✓
3°15'	58°00'R	2.80	280	✓
3°00'	61°30'R	2.93	293	✓
3°00'	64°25'R	3.22	322	✓
2°40'	68°25'R	3.43	343	✓
2°30'	73°20'R	3.70	370	✓
3°00'	74°30'R	4.00	400	✓

185 ft. Contour

3°30'	71°25'R	3.90	390	✓
3°30'	69°45'R	3.63	363	✓
3°30'	65°10'R	3.46	346	✓
4°00'	61°20'R	3.29	329	✓
4°00'	58°45'R	3.05	305	✓
4°30'	54°52'R	2.85	285	✓

4°30'	51°45'R	2.73	273	✓
4°20'	47°22'R	2.57	257	✓
5°00'	44°00'R	2.38	238	✓
5°15'	39°35'R	2.27	226	✓
5°30'	31°30'R	2.20	219	✓
5°00'	25°15'R	2.38	238	✓
4°30'	20°12'R	2.62	262	✓
4°00'	13°35'R	2.97	297	✓
3°45'	8°15'R	3.27	327	✓
3°30'	2°38'R	3.53	353	✓
3°30'	0°15'L	3.72	372	✓

190 ft. Contour

4°15'	2°15'R	3.83	383	✓
4°15'	5°40'R	3.58	358	✓
4°30'	10°25'R	3.32	332	✓
4°50'	14°45'R	3.13	315	✓
5°10'	19°05'R	2.90	289	✓

5°45'	24°30'R	2.63	262	✓
6°00'	28°55'R	2.45	243	✓
6°30'	34°40'R	2.34	232	✓
6°15'	40°55'R	2.40	238	✓
5°30'	45°30'R	2.67	266	✓
5°15'	51°48'R	2.90	289	✓
5°00'	56°00'R	3.18	318	✓
4°30'	61°25'R	3.42	342	✓
4°15'	66°30'R	3.62	362	✓
4°15'	68°40'R	3.83	383	✓

195 ft Continued

5°00'	65°50'R	3.80	380	✓
5°00'	63°55'R	3.63	363	✓
5°00'	60°12'R	3.47	347	✓
5°20'	56°40'R	3.27	327	✓
5°50'	53°30'R	3.08	307	✓
6°20'	49°30'R	2.93	291	✓

6°30'	44°10'R	2.80	278	✓
7°15'	40°45'R	2.64	261	✓
7°15'	37°10'R	2.52	249	✓
7°10'	32°15'R	2.53	250	✓
6°30'	27°22'R	2.72	270	✓
6°00'	21°55'R	2.93	291	✓
5°45'	18°48'R	3.12	310	✓
5°30'	13°10'R	3.40	338	✓
5°00'	8°45'R	3.63	362	✓
4°30'	4°15'R	3.93	393	✓

200 ft Continued

5°25'	5°00'R	4.13	412	✓
5°30'	9°00'R	3.86	384	✓
6°00'	15°05'R	3.60	355	✓
6°15'	18°24'R	3.38	333	✓
7°00'	23°32'R	3.11	306	✓
7°30'	28°25'R	2.83	278	✓

8°00'	34°18'R	2.69	264	✓
7°45'	40°15'R	2.80	275	✓
7°00'	47°55'R	3.00	295	✓
6°40'	52°45'R	3.15	311	✓
6°15'	56°45'R	3.47	344	✓
6°00'	59°00'R	3.53	350	✓
5°30'	62°45'R	3.80	378	✓

205 ft Contour

6°30'	59°00'R	3.74	370	✓
6°45'	55°55'R	3.53	349	✓
7°15'	52°30'R	3.27	322	✓
7°45'	46°15'R	3.04	299	✓
8°00'	41°15'R	2.97	291	✓
8°15'	37°00'R	2.87	281	✓
8°00'	30°30'R	2.98	292	✓
7°30'	25°30'R	3.11	306	✓
7°00'	20°05'R	3.43	337	✓

6°30'	14°00'R	3.72	368	✓
6°00'	9°20'R	4.00	396	✓
5°45'	6°40'R	4.23	420	✓

210 ft Contour

6°30'	7°30'R	4.32	426	✓
6°30'	9°30'R	4.20	414	✓
7°00'	13°20'R	3.95	389	✓
7°30'	17°15'R	3.67	361	✓
7°45'	21°47'R	3.50	344	✓
8°10'	24°55'R	3.37	331	✓
8°35'	29°25'R	3.20	314	✓
8°15'	32°55'R	3.08	302	✓
9°00'	36°42'R	3.06	298	✓
8°40'	41°08'R	3.10	303	✓
8°10'	46°30'R	3.28	321	✓
7°50'	53°00'R	3.49	341	✓
7°30'	54°25'R	3.60	354	✓

215 ft Contour

8°30'	52°00' R	3.77	368	✓
8°50'	49°25' R	3.53	344	✓
9°00'	45°25' R	3.34	325	✓
9°15'	40°45' R	3.24	315	✓
9°30'	34°55' R	3.73	314	✓
9°00'	29°00' R	3.33	324	✓
8°30'	24°20' R	3.83	374	✓
8°00'	20°00' R	3.68	359	✓
9°30'	15°35' R	4.02	395	✓
9°00'	10°30' R	4.32	425	✓

220 ft Contour

9°30'	10°45' R	4.44	437	✓
9°45'	14°25' R	4.23	416	✓
8°20'	17°45' R	4.00	390	✓
8°50'	22°45' R	3.76	367	✓
9°00'	27°50' R	3.54	344	✓

9°45'	33°00' R	3.45	335	✓
9°45'	39°10' R	3.41	331	✓
9°30'	42°50' R	3.52	347	✓
9°00'	47°00' R	3.78	368	✓

225 ft Contour

9°45'	41°30' R	3.80	370	✓
10°00'	39°00' R	3.67	357	✓
10°00'	36°10' R	3.60	350	✓
10°00'	32°22' R	3.58	348	✓
10°00'	28°25' R	3.67	357	✓
9°30'	24°25' R	3.82	372	✓
9°00'	18°45' R	4.10	400	✓
8°15'	15°10' R	4.33	423	✓
9°00'	11°48' R	4.50	445	✓

230 ft Contour

8°30'	12°50' R	4.65	455	✓

9°00'	15°45'R	4.46	435	✓
9°15'	19°08'R	4.23	417	✓
9°45'	22°15'R	4.01	390	✓
10°00'	27°10'R	3.87	397	✓
10°15'	33°20'R	3.85	375	✓
10°15'	37°55'R	3.90	380	✓

235 ft Contour.

10°30'	36°55'R	4.08	398	✓
10°30'	32°20'R	4.00	390	✓
10°30'	27°55'R	4.02	397	✓
10°15'	23°22'R	4.10	400	✓
9°50'	19°45'R	4.27	417	✓
9°20'	17°45'R	4.47	437	✓
9°00'	14°05'R	4.67	457	✓

240 ft Contour.

9°25'	14°50'R	4.77	467	✓

10°00'	18°30'R	4.58	445	✓
10°15'	21°05'R	4.40	428	✓
10°35'	25°00'R	4.23	421	✓
10°40'	29°05'R	4.22	411	✓
10°30'	33°10'R	4.24	413	✓
10°30'	36°30'R	4.42	430	✓

245 ft Contour

10°40'	34°40'R	4.56	445	✓
11°00'	29°40'R	4.42	428	✓
11°00'	26°00'R	4.37	424	✓
11°00'	22°10'R	4.47	434	✓
10°15'	19°25'R	4.72	458	✓
10°00'	15°40'R	4.88	474	✓

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Return to City Engineers Office
City Hall, San Diego, Cal.

TRAVERSE TABLE FOR TRANSIT BOOK.

From 1° to 90° for a distance of 100.

Return to City Engineers Office
City Hall, San Diego, Cal.

Degrees	DEGREES.		¼ DEGREE.		½ DEGREE.		¾ DEGREE.		Degrees.
	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	
0			100.00	0.44	100.00	0.87	99.99	1.31	89
1	99.98	1.75	99.98	2.18	99.97	2.62	99.95	3.05	88
2	99.94	3.49	99.92	3.93	99.91	4.36	99.88	4.80	87
3	99.86	5.23	99.84	5.67	99.81	6.10	99.79	6.54	86
4	99.76	6.98	99.73	7.41	99.69	7.85	99.66	8.28	85
5	99.62	8.72	99.58	9.15	99.54	9.58	99.50	10.02	84
6	99.45	10.45	99.41	10.89	99.36	11.32	99.31	11.75	83
7	99.25	12.19	99.20	12.62	99.14	13.05	99.09	13.49	82
8	99.03	13.92	98.97	14.35	98.90	14.78	98.84	15.21	81
9	98.77	15.64	98.70	16.07	98.63	16.50	98.56	16.93	80
10	98.48	17.36	98.40	17.79	98.33	18.22	98.25	18.65	79
11	98.16	19.08	98.08	19 51	97.99	19.94	97.90	20.36	78
12	97.81	20.79	97.72	21.22	97.63	21.64	97.53	22.07	77
13	97.44	22.50	97.34	22.92	97.24	23.34	97.13	23.77	76
14	97.03	24.19	96.92	24.62	96.81	25.04	96.70	25.46	75
15	96.59	25.88	96.48	26.30	96.36	26.72	96.25	27.14	74
16	96.13	27.56	96.00	27.98	95.88	28.40	95.76	28.82	73
17	95.63	29.24	95.50	29.65	95.37	30.07	95.24	30.49	72
18	95.11	30.90	94.97	31.32	94.83	31.73	94.69	32.14	71
19	94.55	32.56	94.41	32.97	94.26	33.38	94.12	33.79	70
20	93.97	34.20	93.82	34.61	93.67	35.02	93.51	35.43	69
21	93.36	35.84	93.20	36.24	93.04	36.65	92.88	37.06	68
22	92.72	37.46	92.55	37.86	92.39	38.27	92.22	38.67	67
23	92.05	39.07	91.88	39 47	91.71	39.87	91.53	40.27	66
24	91.35	40.67	91.18	41.07	91.00	41.47	90.81	41.87	65
25	90.63	42.26	90.45	42.66	90.26	43.05	90.07	43.44	64
26	89.88	43.84	89.69	44.23	89.49	44.62	89.30	45.01	63
27	89.10	45.40	88.90	45.79	88.70	46.17	88.50	46.56	62
28	88.29	46.95	88.09	47.33	87.88	47.72	87.67	48.10	61
29	87.46	48.48	87.25	48.86	87.04	49.24	86.82	49.62	60
30	86.60	50.00	86.38	50.38	86.16	50.75	85.94	51.13	59
31	85.72	51.50	85.49	51.88	85.26	52.25	85.04	52.62	58
32	84.80	52.99	84.57	53.36	84.34	53.73	84.10	54.10	57
33	83.87	54.46	83.63	54.83	83.39	55.19	83.15	55.56	56
34	82.90	55.92	82.66	56.28	82.41	56.64	82.16	57.00	55
35	81.92	57.36	81.66	57.71	81.41	58.07	81.16	58.42	54
36	80.90	58.78	80.64	59.13	80.39	59.48	80.13	59.83	53
37	79.86	60.18	79.60	60 53	79.34	60.88	79.07	61.22	52
38	78.80	61.57	78.53	61.91	78.26	62.25	77.99	62.59	51
39	77.71	62.93	77.44	63.27	77.16	63.61	76.88	63.94	50
40	76.60	64.28	76.32	64.61	76.04	64.94	75.76	65.28	49
41	75.47	65.61	75.18	65.93	74.90	66.26	74.61	66.59	48
42	74.31	66.91	74.02	67.24	73.73	67.56	73.43	67.88	47
43	73.14	68.20	72.84	68.52	72.54	68.84	72.24	69.15	46
44	71.93	69.47	71.63	69.78	71.33	70.09	71.02	70.40	45
45	70.71	70.71							
Degrees.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Degrees.
	DEGREES.		¾ DEGREE.		½ DEGREE.		¼ DEGREE.		

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