

SURVEYOR'S N

(No. 2 of 1933)

Fred P. Parris

(pp 81 - 134)

FIELD BOOK

364 A

FIELD NOTE BOOK # 2
1933 SURVEY

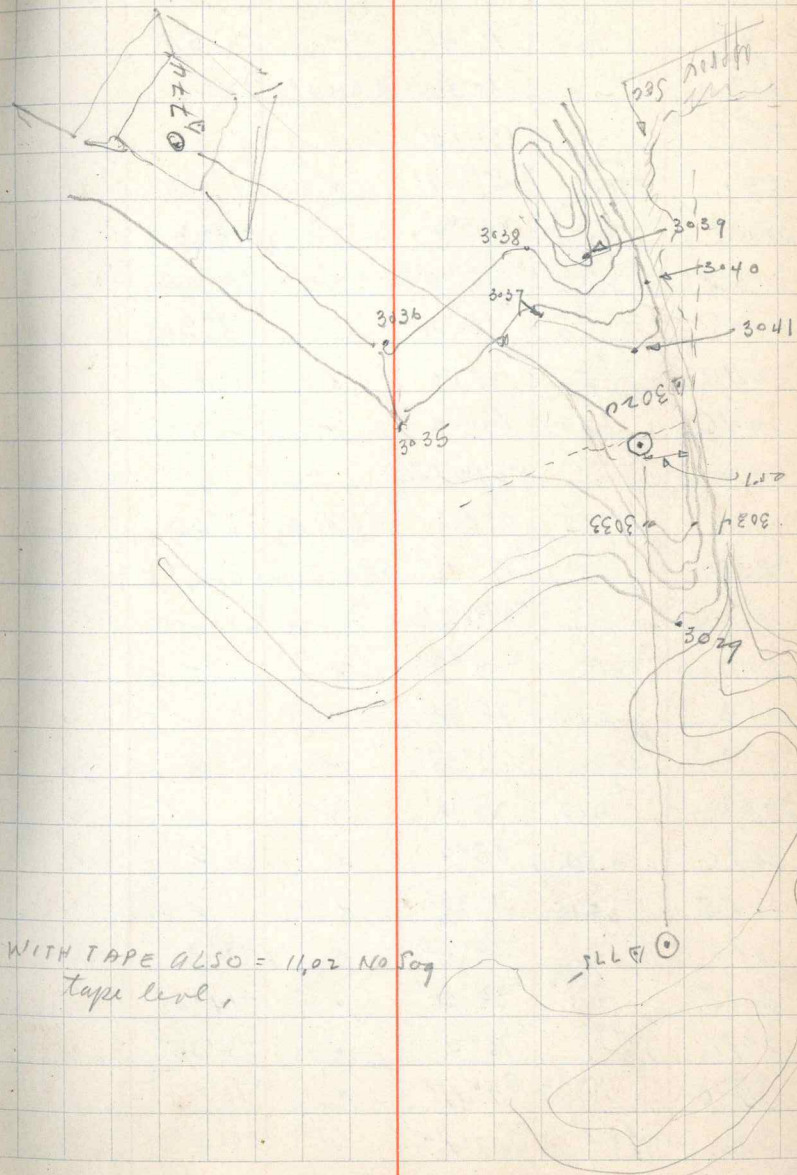
at 2840 Continued from page 80.

2990	$\frac{1.288}{1.112}$	R $101^{\circ}30'$	✓	+8°35'	1.20
2996	$\frac{1.538}{1.362}$	R $145^{\circ}45'$	✓	+8°10'	1.45
✓ 3010	$\frac{1.518}{1.382}$	R $166^{\circ}45'$	✓	+2°15'	"
✓ 3009	$\frac{1.521}{1.379}$	R $177^{\circ}15'$	✓	-1°20'	"
3008	$\frac{1.51}{1.39}$	∠ $26^{\circ}0'$	✓	-13°0'	"
3007	$\frac{1.61}{1.45}$	∠ $95^{\circ}0'$	✓	-12°45'	1.55
3006	$\frac{1.565}{1.335}$	∠ $54^{\circ}20'$	✓	-10°50'	1.45
3005	$\frac{1.557}{1.343}$	∠ $39^{\circ}0'$	✓	-3°15'	"
3003	$\frac{1.56}{1.32}$	∠ $23^{\circ}45'$	✓	-2°5'	"
3015	$\frac{1.525}{1.355}$	R $3^{\circ}0'$	✓	-3°30'	"
3014	$\frac{1.552}{1.348}$	R $29^{\circ}15'$	✓	-2°45'	"
3013	$\frac{1.805}{1.675}$	R $51^{\circ}15'$	✓	-3°01'	1.75
at 775 ₂	MAY-11	0°0' m 2840		NH= 1.41	
Δ 2840	$\frac{1.591}{1.229}$	0°0'	N 25° 55' W	-3°50'	1.41
Δ 774	$\frac{1.34}{0.66}$	R $55^{\circ}12'$	N 29° 30' E	+6°22'	1.00
Δ 3020	$\frac{1.60}{1.22}$	R $84^{\circ}33'$	N 58° 45' E	+4°10'	1.41
Δ 776	$\frac{1.63}{1.19}$	∠ $41^{\circ}49'$	S 12° 30' W	-11°53'	"
3031	$\frac{1.436}{1.364}$	∠ $77^{\circ}30'$	✓	-16°20'	1.40
3032	$\frac{1.565}{1.235}$	∠ $69^{\circ}0'$	✓	-18°46'	"
3028	$\frac{1.670}{1.70}$	∠ $136^{\circ}0'$	✓	✓	✓
3026	$\frac{1.485}{1.70}$	∠ $20^{\circ}30'$	✓	✓	✓
3025	$\frac{1.770}{1.70}$	∠ $29^{\circ}0'$	✓	✓	✓
3024	$\frac{10.30}{1.55}$	R $6^{\circ}15'$	✓	✓	✓
3023	$\frac{1.55}{1.55}$	R $15^{\circ}0'$	✓	✓	✓

See Book me 1933 Survey
for pages 1-80 inc.

← Rev sketch for 3003, 3004

3018	± 10.25	R 32°0'	✓	✓	✓
3022	$\frac{1.471}{7.329}$	R 93°15'	✓	+1°0'	1.40
3016	$\frac{1.47}{7.33}$	R 66°30'	✓	+2°15'	"
3017					
3019	$\frac{1.446}{7.355}$	R 97°30'	✓	+2°0'	"
3021	$\frac{1.442}{1.358}$	R 102°30'	✓	+0°30'	"
3027	$\frac{1.457}{7.343}$	R 151°30'	✓	-5°0'	"
3029	$\frac{1.53}{1.27}$	R 81°15'	✓	+1°25'	"
Δ at Δ 3020		0°0' in 775		M.H.1 = 1.50	
775	$\frac{1.69}{1.31}$	0°0'		558°40'W -4°12'	"
3040	$\frac{1.56}{7.44}$	R 177°15'	✓	+3°15'	"
3041	$\frac{1.55}{1.448}$	R 165°30'	✓	+4°40'	"
3037	$\frac{0.52}{0.44}$	R 148°45'	✓	-0°15'	1.50
3038	$\frac{1.58}{1.42}$	R 151°15'	✓	+8°10'	1.50
3039	$\frac{1.075}{0.925}$	R 159°30'	✓	+8°30'	1.00
3036	$\frac{1.099}{0.901}$	R 113°45'	✓	+2°30'	"
3035	$\frac{1.49}{1.31}$	R 103°15'	✓	-1°0'	1.40
✓ 3034	± 5.00	L 21°01'	✓	✓	✓
R 3033	± 4.85	R 25°30'	✓	✓	✓
Δ at Δ 776		0°0' in 775		M.H.1	1.43
Δ 775	$\frac{1.647}{1.272}$	0°0'		N 12°30'E +11°51'	"
Δ 3045	$\frac{1.485}{1.375}$	R 54°38'		N 67°20'E +7°50'	"
Δ 3030	$\frac{1.852}{1.008}$	R 169°18'		S 1°45'W +2°43'	"
3042	$\frac{1.455}{1.41}$	L 22°30'	✓	0°0'	1.49
304A	$\frac{1.41}{7.33}$	L 82°30'	✓	0°0'	1.37
3044-b	$\frac{1.332}{1.462}$	L 63°45'	✓	0°0'	1.25



WITH TAPE ALSO = 11.02 No. 509
tape level.

3044-a	$\frac{1.98}{1.82}$	$\angle 85^{\circ}15'$	✓	$0^{\circ}0'$	1.90
3043	$\frac{1.49}{1.41}$	$\angle 116^{\circ}45'$	✓	$-6^{\circ}50'$	1.45
3050 Heat tree		$\angle 135^{\circ}35'$	H. angle only		
3050-a Rock in Run		$\angle 137^{\circ}10'$	"	"	
3051	$\frac{1.805}{0.995}$	$\angle 167^{\circ}30'$	✓	$-7^{\circ}30'$	1.40
3049	$\frac{1.875}{0.925}$	$\angle 143^{\circ}0'$	✓	$-13^{\circ}0'$	"
3052	$\frac{1.665}{1.135}$	R $175^{\circ}10'$	✓	$-11^{\circ}45'$	"
3048	$\frac{1.68}{1.12}$	R $166^{\circ}30'$	✓	$-8^{\circ}30'$	"
3047	$\frac{1.546}{1.254}$	R $167^{\circ}40'$	✓	$-12^{\circ}35'$	"
3046	$\frac{1.51}{1.29}$	$\angle 164^{\circ}0'$	✓	$-21^{\circ}15'$	"
At Δ 3030		$0^{\circ}0'$ on 776		M.H. = 1.44	
Δ 776	$\frac{1.661}{1.019}$	$0^{\circ}0'$	N $1^{\circ}45'E$	$-2^{\circ}46'$	"
3050	✓	$\angle 89^{\circ}12'$	Hor. angle only		✓
3050-a	✓	$\angle 89^{\circ}45'$	"	"	✓
3057	$\frac{3.85}{3.85}$	R $88^{\circ}0'$	✓	✓	✓
3058	$\frac{5.70}{5.70}$	R $83^{\circ}30'$	✓	✓	✓
3059	$\frac{3.00}{3.00}$	R $143^{\circ}30'$	✓	✓	✓
3060	$\frac{4.50}{4.50}$	R $146^{\circ}0'$	✓	✓	✓
3056	$\frac{4.80}{4.80}$	$\angle 83^{\circ}0'$	✓	✓	✓
3054	$\frac{5.15}{5.15}$	$\angle 31^{\circ}30'$	✓	✓	✓
3053	$\frac{1.44}{1.36}$	$\angle 28^{\circ}0'$	✓	$-18^{\circ}35'$	1.40
3055	$\frac{1.432}{1.368}$	$\angle 84^{\circ}30'$	✓	$-14^{\circ}0'$	"
3071	$\frac{1.487}{1.373}$	$\angle 76^{\circ}0'$	✓	$-12^{\circ}35'$	"
3070	$\frac{1.482}{1.318}$	R $9^{\circ}45'$	✓	$-11^{\circ}15'$	"
3061	$\frac{1.47}{1.33}$	R $17^{\circ}45'$	✓	$+8^{\circ}0'$	"

3049, Edge of Run approx 1 or 2 m. above
water at low water. May-11-1933

3062	1078 0922	R 142°50'	✓	+13°15'	1.00
3065	1476 1324	R 132°00'	✓	+15°20'	1.40
3065-w	147 133	R 127°00'	✓	+14°35'	"
3063	1808 1592	R 136°00'	✓	+12°00'	1.70
3064	157 129	R 101°10'	✓	+10°00'	1.40
3066	1475 1325	R 97°15'	✓	+11°30'	"
3067	147 133	R 80°00'	✓	+3°50'	"
3068	1585 1215	R 133°00'	✓	+18°10'	"
3069	168 117	R 133°40'	✓	+27°30'	"
3072	295	R 133°30'	✓	+28°00'	2.40
At Δ 3045	MAY-12	0°0' on 776			1.385
Δ 776	✓	0°0'	567°20'W	✓	✓
Δ 3085	1603 1157	L 176°40'	N 70°30'E	-5°56'	1.38
3082	1515 1285	L 176°30'	✓	-19°00'	1.40
3078	1908	L 139°00'	✓	-25°00'	2.00
3080	160 120	L 88°30'	✓	-12°00'	1.40
3081	163 117	L 92°00'	✓	-6°30'	"
3076	1462 1338	L 47°40'	✓	-3°40'	"
3077	147 133	L 70°00'	✓	-5°15'	"
3075	149 131	L 76°00'	✓	-7°15'	"
3084	1555 1245	L 77°00'	✓	-4°00'	"
3084	1557 1243	L 76°15'	✓	-4°00'	"
3073	1588 1212	L 72°50'	✓	-2°45'	"
3074	1513 1287	L 76°45'	✓	-4°45'	"

3072 is not top of hill-

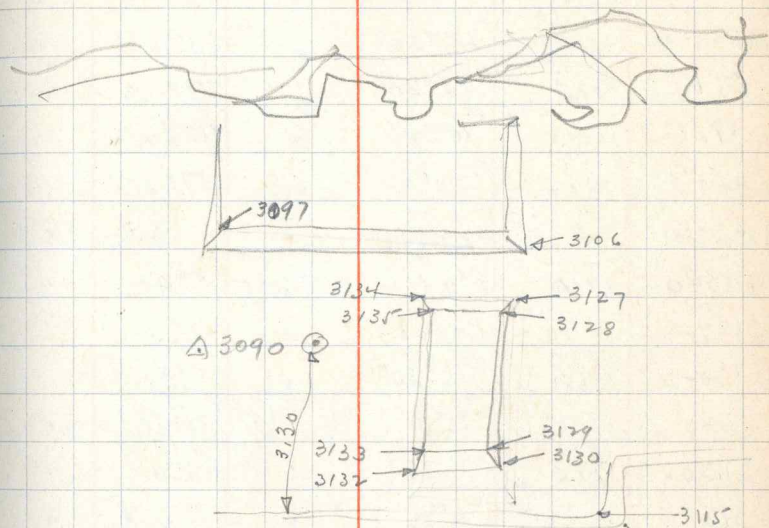
See MAY-11-776

3081 is top of steep bank. See sketch.

At 3085		0° 0' on 3085	M.H.I. = 1.47	
Δ 3045	$\frac{1.691}{1.249}$	0° 0' S70° 30' W	+5° 52'	1.47
Δ 3090	$\frac{1.180}{0.820}$	L 118° 40'	S48° 15' E	+9° 30'
Δ 3091	$\frac{1.84}{1.10}$	R 175° 50'	N66° 25' E	+0° 10'
3087	$\frac{1.515}{1.385}$	L 39° 30'	✓	+3° 0'
3086	$\frac{1.505}{1.395}$	L 64° 30'	✓	+9° 35'
3096	$\frac{1.62}{1.28}$	R 90° 0'	✓	+8° 30'
3095	$\frac{1.482}{1.412}$	R 41° 0'	✓	-9° 5'
3094	$\frac{1.60}{1.30}$	R 171° 30'	✓	-0° 20'
3093	$\frac{1.635}{1.265}$	L 166° 0'	✓	+1° 30'
3091	$\frac{1.51}{1.39}$	L 121° 30'	✓	+9° 0'
3092	$\frac{1.51}{1.39}$	L 143° 30'	✓	+5° 0'
At Δ 3090 MAY-13		0° 0' on 3085	M.H.I. = 1.49	
Δ 3085	$\frac{1.67}{1.31}$	0° 0' N48° 10' W	-10° 20'	"
Δ 3100	✓	L 99° 57'	✓	"
Δ 3101	$\frac{1.705}{1.275}$	L 99° 57'	S31° 30' W	+5° 40'
Δ 3102	$\frac{1.625}{1.385}$	R 113° 35'	N65° 30' E	+8° 35'
Δ 3100	$\frac{1.649}{1.331}$	R 171° 43'	S56° 20' E	+23° 25'
3106	+6.85	L 134° 0'	✓	✓
3105	+7.20	L 144° 30'	✓	0° 0'
3103	$\frac{1.555}{1.445}$	L 160° 15'	✓	+6° 35'
3104	$\frac{1.56}{1.44}$	L 157° 45'	✓	+5° 45'
3114	$\frac{1.545}{1.455}$	L 170° 0'	✓	+10° 45'
3109	$\frac{1.563}{1.437}$	R 172° 45'	✓	+9° 0'
3107	$\frac{1.539}{1.461}$	R 150° 0'	✓	+11° 20'

From 3096 about 5 or 6 Meters More
to outcrop

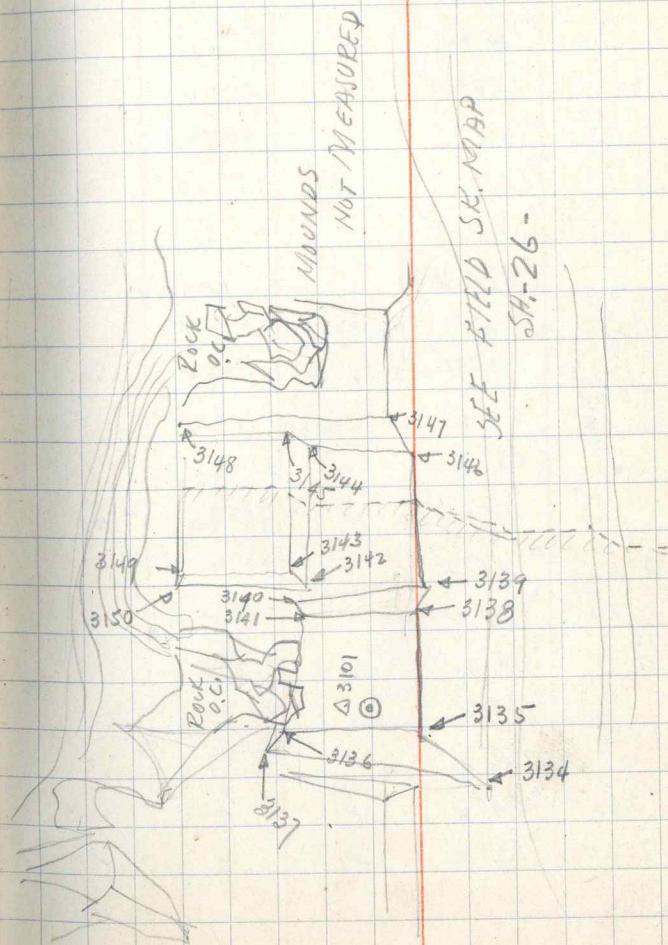
3099	1.565 1.445	R 141°30'	✓	+8°40'	1.50
3097	7.92	R 120°45'	✓	0°0'	0.315
3098	8.35	R 111°0'	✓	0°0'	1.075
3112	1.545 1.455	R 98°25'	✓	+2°5'	1.50
3111	1.573 1.447	R 102°30'	✓	+4°50'	"
3110	1.567 1.433	R 111°0'	✓	+4°0'	"
3113	1.592 1.408	R 91°0'	✓	-1°35'	"
3108	1.505 1.295	R 173°0'	✓	+26°0'	1.40
3133	2.25	L 95°30'	✓	0°0'	1.25
3132	1.80	L 84°45'	✓	✓	✓
3135	4.35	L 133°30'	✓	0°0'	0.86
3134	4.65	L 139°10'	✓	✓	✓
3128	5.40	L 124°30'	✓	✓	✓
3127	5.90	L 125°00'	✓	✓	✓
3129	4.20	L 92°00'	✓	✓	✓
3130	4.85	L 88°45'	✓	✓	✓
3115	5.25	L 55°0'	✓	✓	✓
3115-a	1.46 1.52	L 46°0'	✓	-8°0'	1.50
3118	1.539 1.462	L 107°30'	✓	-1°15'	"
3119	1.546 1.452	L 122°15'	✓	+4°0'	"
3120	1.555 1.445	L 143°00'	✓	+4°20'	"
3121	1.585 1.415	L 129°30'	✓	+4°30'	"
3122	1.572 1.428	L 116°15'	✓	+2°45'	"
3123	1.573 1.427	L 106°00'	✓	-1°45'	"
3126	1.588 1.412	L 76°15'	✓	-5°0'	"



SEE STA. 26 SK. MAP 1933 315C-4

3088	1.61 1.39	L 56°45'	✓	-10°0'	1.50
3125	1.60 1.40	L 88°0'	✓	0°0'	"
3124	1.606 1.394	L 102°0'	✓	+2°15'	"
3124-a	1.595 1.405	L 107°20'	✓	+0°30'	"
3117	1.585 1.415	R 95°20'	✓	-2°15'	"
3116	1.571 1.429	R 100°0'	✓	+1°30'	"
3089	1.56 1.44	R 23°10'	✓	-17°45'	"
At Δ 3101		0°0' on 3090		M.H. = 1.43	
Δ 3090	1.646 1.214	0°0'	N 31°40' E	-5°40'	"
3132-a	1.483 1.417	R 20°15'	✓	-18°0'	1.45
3130-a	1.535 1.365	R 16°50'	✓	-9°30'	"
3131	1.09 0.91	R 10°0'	✓	-11°10'	1.00
3130	1.535 1.365	L 3°20'	✓	-10°0'	1.45
3129	1.54 1.36	L 6°0'	✓	-11°45'	"
3128	1.103 0.897	L 12°30'	✓	-12°0'	"
3127	1.55 1.345	L 21°0'	✓	-13°45'	"
3132	1.092 1.408	L 25°40'	✓	-20°0'	"
3133	1.499 1.401	L 38°45'	✓	-25°30'	"
3134	1.548 1.402	L 50°0'	✓	-27°30'	"
3141	± 4.20	R 142°30'	✓	✓	✓
3140	± 5.10	R 142°30'	✓	✓	✓
3138	± 3.30	L 148°0'	✓	✓	✓
3139	± 4.60	L 148°0'	✓	✓	✓
3135	± 2.70	L 59°0'	✓	✓	✓
3137	± 3.20	R 78°0'	✓	✓	✓

3136 covered by Rocks. Large



3142	± 5.35	R164°35'	✓	0°0'	1.97
3143	± 6.50	R157°0'	✓	0°0'	1.19
3150	$\begin{matrix} 1.14 \\ 1.06 \end{matrix}$	R133°15'	✓	0°0'	1.10
3149	$\begin{matrix} 0.56 \\ 0.476 \end{matrix}$	R139°0'	✓	0°0'	0.52
3148	$\begin{matrix} 1.525 \\ 1.375 \end{matrix}$	R154°40'	✓	+5°10'	1.45
3145	$\begin{matrix} 1.508 \\ 1.392 \end{matrix}$	R174°45'	✓	+1°10'	"
3144	$\begin{matrix} 1.503 \\ 1.397 \end{matrix}$	L179°30'	✓	-2°0'	"
3146	$\begin{matrix} 1.505 \\ 1.395 \end{matrix}$	L166°45'	✓	-3°50'	"
3147	$\begin{matrix} 1.515 \\ 1.385 \end{matrix}$	L174°15'	✓	+1°40'	"
3147-a	$\begin{matrix} 1.53 \\ 1.37 \end{matrix}$	L174°15'	✓	+1°45'	"
Δ at A3102		0°0' on 3090			M.H.L. = 1.46
Δ 3090	$\begin{matrix} 1.915 \\ 1.3285 \end{matrix}$	0°0'	S65°30'W	-8°35'	"
Δ 3160	$\begin{matrix} 1.667 \\ 1.253 \end{matrix}$	L168°38'	N77°E	-5°45'	"
Δ 3100	$\begin{matrix} 2.793 \\ 2.507 \end{matrix}$	L62°55'	S2°30'W	+19°10'	2.65
3152	$\begin{matrix} 1.49 \\ 1.41 \end{matrix}$	L168°40'	✓	+0°20'	1.45
3158	$\begin{matrix} 1.49 \\ 1.41 \end{matrix}$	L148°0'	✓	+8°30'	"
3159	$\begin{matrix} 1.53 \\ 1.37 \end{matrix}$	L144°0'	✓	+3°15'	"
3157	$\begin{matrix} 1.553 \\ 1.347 \end{matrix}$	L120°0'	✓	+8°50'	"
3156	$\begin{matrix} 1.56 \\ 1.34 \end{matrix}$	L114°30'	✓	+16°0'	"
3157-a	$\begin{matrix} 1.521 \\ 1.375 \end{matrix}$	L123°0'	✓	+9°0'	"
3155	$\begin{matrix} 1.495 \\ 1.405 \end{matrix}$	L108°30'	✓	+6°0'	"
3153	± 3.35	L54°0'	✓	✓	✓
3151	± 2.70	R72°0'	✓	✓	✓

Not Δ 21	¹⁹³³ MAY-15	0° 0' 0" on B, H. Lower Plate.	M.H.I. = 145		
Δ H.B-1932	^{1.719} 1.182	0° 0' 1"	S37° 26' E	-15° 46'	145
Δ 20 -1933	^{1.675} 1.225	R 72° 0'	S34° 40' W	+1° 49'	"
Δ 11-1932	^{1.6785} 1.2215	R 60° 58'	S23° 35' W	+0° 39'	"
Δ R, 1932	^{1.588} 1.312	L 167° 55'	N25° 0' W	+15° 15'	"
33	✓	R 154° 18'	✓	✓	✓
34	✓	R 157° 50'	✓	✓	✓
Not Δ 21	✓	0° 0' on 20	S34° 40' W	✓	✓
Δ 20	✓	0° 0' 1"	S34° 40' W	✓	✓
33	✓	R 82° 15'	✓	✓	✓
34	✓	R 85° 50'	✓	✓	✓
Not Δ 21	MAY-16	0° 0' on 20	M.H.I. = 145		
Δ 20 1933	^{1.674} 1.226	0° 0' 1"	S34° 38' W	+1° 49'	"
Δ 11-1932	^{1.6785} 1.2215	L 11° 2'	S23° 30' W	+0° 46'	"
Δ B-1932	^{1.588} 1.312	R 120° 5'	N25° 10' W	+15° 16'	"
Δ B, H.	^{1.719} 1.181	L 72° 0'	S37° 20' E	-15° 46'	"
29	✓	R 45° 35'	✓	✓	✓
24	✓	R 75° 0'	✓	✓	✓
25		R 100° 47'			
26	✓	R 88° 30'	✓	✓	✓
27	✓	R 77° 8'	✓	✓	✓
28	✓	R 65° 26'	✓	✓	✓
35	✓	R 50° 30'	✓	✓	✓
32	✓	R 74° 37'	✓	✓	✓
48	^{1.523} 1.377	R 58° 0'	✓	-12° 35'	145

SEE COMPUTATIONS
Book #1 1932-5

448

37-a	✓	R 59° 35'	✓	✓	✓
36.	✓	R 63° 24'	✓	✓	✓
49	✓	R 49° 01'	✓	✓	✓
31.	✓	R 110° 50'	✓	✓	✓
46	✓	R 39° 10'	✓	✓	✓
47.	✓	R 29° 35'	✓	✓	✓
38	✓	R 42° 5'	✓	✓	✓
39	✓	R 39° 56'	✓	✓	✓
39-a	✓	R 38° 45'	✓	✓	✓
22	✓	R 37° 30'	✓	✓	✓
4.5	✓	R 31° 50'	✓	✓	✓
40	✓	R 36° 38'	✓	✓	✓
41	✓	R 30° 18'	✓	✓	✓
42	✓	R 25° 30'	✓	✓	✓
44	✓	R 18° 29'	✓	✓	✓
43	✓	R 29° 01'	✓	✓	✓
23	✓	R 45° 32'	✓	✓	✓
16	✓	L 52° 23'	✓	✓	✓
19	✓	L 58° 01'	✓	✓	✓
17	✓	L 42° 35'	✓	✓	✓
18	✓	L 48° 6'	✓	✓	✓
9	✓	L 31° 01'	✓	✓	✓
11	✓	L 29° 6'	✓	✓	✓
12	✓	L 27° 16'	✓	✓	✓
8		L 29° 7'			

15	✓	44°30'	✓	✓	✓
13	1.616 1.284	21°4'	✓	-6°25'	1.45
14	✓	20°10'	✓	✓	✓
7	✓	22°30'	✓	✓	✓
7-a	✓	21°35'	✓	✓	✓
1	✓	23°55'	✓	✓	✓
2	✓	22°35'	✓	✓	✓
3	✓	19°0'	✓	✓	✓
4	✓	18°33'	✓	✓	✓
5	✓	19°42'	✓	✓	✓
6	✓	20°24'	✓	✓	✓
54	✓	24°41'	✓	✓	✓
53	✓	37°40'	✓	✓	✓
50	✓	18°19'	✓	✓	✓
51	✓	21°31'	✓	✓	✓
52	✓	26°24'	✓	✓	✓
木此Δ20 ¹⁹³³		0°0' on B.H.		M.-H.I.=	1.45
Δ B.H.-1932	1.748 1.152	0°0'	S 87°10'E	-15°29'	1.45
Δ 20-1933	1.674 1.2215	57°55'	N 34°45'E	-1°50'	"
Δ R-1932	1.762 1.138	79°0'	N 13°45'E	+5°10'	"
Δ 11-1932	8.75	31°15'	S 56°E	✓	✓
6	-	18°0'	✓	-	✓
木此 20		0°0' on 21	✓	✓	✓
Δ 21	✓	0°0'	-	✓	✓
6	✓	75°55'	-	✓	✓

tape level Mo Sag.

16	✓	R _{23°30'}	✓	✓	-
19	✓	R _{22°28'}	✓	✓	-
18	✓	R _{16°18'}	✓	✓	✓
17	✓	R _{17°13'}	✓	✓	✓
53	✓	R _{32°30'}	✓	✓	✓
9	✓	R _{29°0'}	✓	✓	✓
11	✓	R _{27°10'}	✓	✓	✓
8	✓	R _{30°10'}	✓	✓	✓
12	✓	R _{29°45'}	✓	✓	✓
54	✓	R _{53°50'}	✓	✓	✓
7	✓	R _{41°50'}	✓	✓	✓
7-a	✓	R _{44°30'}	✓	✓	✓
14	✓	R _{42°21'}	✓	✓	✓
50	✓	R _{27°25'}	✓	✓	✓
51	✓	R _{23°0'}	✓	✓	✓
52	✓	R _{19°15'}	✓	✓	✓
15	✓	R _{20°22'}	✓	✓	✓
44	¹⁵⁹¹ 1309	L _{12°35'}	✓	-10°20'	145
42	✓	L _{17°35'}	✓	✓	✓
43	✓	L _{20°30'}	✓	✓	✓
41	✓	L _{15°45'}	✓	✓	✓
40	✓	L _{19°30'}	✓	✓	✓
39-a	✓	L _{21°5'}	✓	✓	✓
39	✓	L _{21°0'}	✓	✓	✓
38	✓	L _{22°7'}	✓	✓	✓

Correction.

#19 is numbered #18 on building
but numbered 19 from 20 & 21.

46		$\angle 29^{\circ} 10'$			
47		$\angle 40^{\circ} 27'$			
45		$\angle 48^{\circ} 42'$			
29		$\angle 25^{\circ} 10'$			
22		$\angle 39^{\circ} 20'$			
23		$\angle 36^{\circ} 25'$			
30		$\angle 27^{\circ} 35'$		$\angle 16^{\circ} 25'$	
49		$\angle 13^{\circ} 40'$			
37-a		$\angle 16^{\circ} 50'$			
35		$\angle 11^{\circ} 37'$			
33		$\angle 10^{\circ} 2'$			
32		$\angle 6^{\circ} 37'$			
34		$\angle 13^{\circ} 20'$			
24		$\angle 13^{\circ} 15'$			
36		$\angle 16^{\circ} 39'$			
29-a		$\angle 18^{\circ} 30'$			
27		$\angle 19^{\circ} 25'$			
28		$\angle 24^{\circ} 35'$			
25		$\angle 16^{\circ} 5'$			
26		$\angle 20^{\circ} 35'$			
31		$\angle 15^{\circ} 10'$ ✓			
48	3.198 2.802	$\angle 18^{\circ} 4'$	✓	$-4^{\circ} 30'$	3.00
30	1.706 1.194	$\angle 27^{\circ} 35'$	✓	$+8^{\circ} 0'$	1.45
23	1.599 1.301	$\angle 36^{\circ} 27'$	✓	$-1^{\circ} 5'$	"
7-	1.551 1.349	$R 42^{\circ} 0'$	✓	$-15^{\circ} 15'$	"

29-a ? ? Not from 21.

26 Can have small errors notable to Rev Wells.

11	1.585 1.315	R 27°10'	✓	-10°55'	1.45
56	1.69	R 28°0'	✓	-8°35'	1.85
55	1.522 1.378	R 44°20'	✓	-23°30'	1.45
At Δ B, 1932 MAY-17-1933 O'S ON Δ A, 1932 M-H, I = 1.465					
Δ A	1.727 1.193	0°0'	S 39°35'W	+10°57'	1.46
Δ R	1.553 1.367	L 80°30'		-0°5'	"
-U.S.	1.665	B 2°5'	✓	+1°22'	1.46
-U ₆	1.671 1.249	L 13°48'	✓	+1°35'	"
O ₁	1.553 1.367	R 81°9'	✓	+6°10'	"
P	± 13.92	R 77°21'	✓	✓	✓
P ₁	± 3.68	L 2°20'	✓	✓	✓
P ₃	± 3.08	R 34°11'	✓	✓	✓
P ₄	1.98 1.82	L 47°32'	✓	+3°0'	1.90
P ₅	2.075 1.925	L 43°0'	✓	+3°30'	2.00
L ₁ 1735	± 17.35	R 41°10'	✓	✓	✓
K ₁	± 13.60	R 15°40'	✓	✓	✓
S ₁	1.607 1.313	R 5°40'	✓	+2°45'	1.46
L ₂	3.1135 2.8865	R 29°50'	✓	+8°50'	3.00
At Δ 28 1932 MAY-18 0°0' ON B, H 1932 M-H, I = 1.31					
A, B, H 1932	1.485 1.135	0°0'	S 40°45'W	-9°25'	"
Δ 3200	1.547 1.073	L 126°28'	N 58°25'E	-6°20'	"
Δ 3201	1.681 0.939	L 137°16'	N 47°35'E	-4°15'	"
3202	1.4115 1.12085	L 104°58'	✓	-15°25'	"
64		R 68°28'			
65	✓	R 70°10'	✓	✓	✓

Horizontal Comp DIST of

Pts P₄ = 16.25
P₅ = 15.25
L₂ = 22.46
S₁ = 29.65

23
22.7

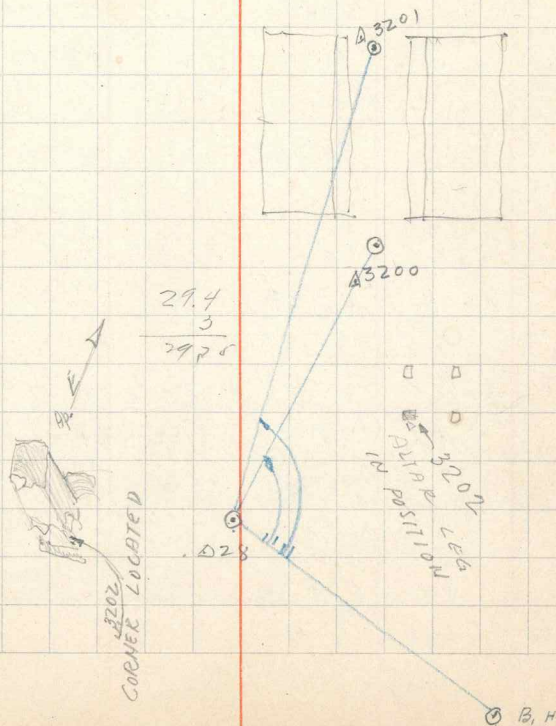
14.3 23
.51
22.46

20.5 29.4
11 29.65
m. 3.9

P₆ is " above floor (where bar was held,

42.2
3
42.5

O, P & P₁ ARE IN LINE



63		R 65°25'			
62		R 59°45'			
61		R 56°30'			
60		R 53°35'			
58		R 51°15'			
59					
20-a	1.70 1.46	R 69°10'	✓	+9°35'	1.60
21-a	1.735 1.465	R 66°45'	✓	+9°30'	"
57	1.741 1.459	R 55°46'	✓	+7°45'	"
66	1.738 1.462	R 52°40'	✓	+6°30'	"
67	1.738 1.462	R 51°55'	✓	+5°50'?	"
68	1.738 1.4615	R 51°15'	✓	+5°21'	"
59	2.179	R 46°0'	✓	+2°0'	2.05
70		Cont See			
69	2.93 2.67	R 39°20'		+0°20'	2.80
1932-5		0°0' on A		M.H. = 1.48	
Not B.H.	1.924				
Δ B.H.	1.036	0°0' 1	N 28°30'E	+2°7'	"
Δ 28	1.652 1.306	23°37'	N 4°45'E	+9°26'	"
Δ 3200	1.842 1.118	R 7°35'	N 36°E	+0°25'	"
Δ 3201	1.987 0.973	R 5°57'	N 34°30'E	-0°7'	"
Δ 21	1.918 1.382	65°33'	N 37°75'W	+15°58'	1.65
Δ 20	1.778	115°39'	N 87°25'W	+15°29'	1.48
Not B.H.		0°0' on Δ 28			
Δ 28	✓	0°0'	✓	✓	✓
20-a w 21-a		Not able to run,			

3.48
35.1 9026'

53.6 - 21

137
278
592

35.1
941
34.16

115.39
61.33
50.06

1783
148
303

28.30
7.30
36.00

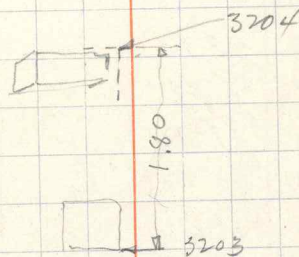
1778
148
298
596

S3.C Sept 21, at Rod H-1, of 148 L = 15°46' CR, K
59.6

TRAT B.H.	0°0'0" 28				
57	1.64 1.32	45°24'	✓	+17°15'	1.48
66	1.631 1.329	45°22'	✓	+16°51'	"
67	1.63 1.33	45°20'	✓	+16°30'	"
68	1.627 1.323	45°16'	✓	+16°15'	"
69	1.591 1.369	45°05'	✓	+16°18'	"
59	1.609 1.341	48°55'	✓	+13°20'	"
58	✓	49°30'	✓	✓	✓
60	✓	43°55'	✓	✓	✓
61	✓	40°15'	✓	✓	✓
62	✓	39°28'	✓	✓	✓
63	✓	38°46'	✓	✓	✓
64	✓	38°53'	✓	✓	✓
65	✓	37°0'	✓	✓	✓
1	1.785 1.375	104°59'	✓	+11°14'	1.58
2	✓	105°31'	✓	✓	✓
3	✓	102°52'	✓	✓	✓
4	✓	103°10'	✓	✓	✓
5	1.70 1.76	100°18'	✓	+13°22'	1.48
6	✓	98°49'	✓	✓	✓
3203	12.90	140°0'			
3204	14.57	142°12'	✓	✓	✓
70	1.557 1.403	47°33'	✓	+3°20'	1.48
71	1.571 1.389	49°04'	✓	+7°30'	"
73	1.524 1.406	49°37'	✓	+4°20'	"

H-Diag = 30.46 V Diff = 9.18 M.

18.2
18.5
3.3
18.185



70 - 15.47 tape from B.H.

73 - 14.97 tape from B.H.

At 3200		0°0' on B.M.	M.H. 1.45		
Δ B.H	1.811 1.089	0°0'	S36°W	-0°25'	"
Δ 28	1.685 1.215	R 22'20'	S58°20'W	+6°20'	"
Δ A	1.549 1.351	R 43°10'	N0°55'W	+7°57'	"
Δ 3201	1.597 1.303	R 174°20'	N30°30'E	-0°35'	"
At 3200		0°0' on 3201			
Δ 3201	✓	0°0'	N30°30'E		
2	t 15.20	R 57°18'	✓	✓	✓
13	t 13.20	R 51°45'	✓	✓	✓
1	t 9.16	R 24°38'	✓	✓	✓
3	t 9.38	L 17°52'	✓	✓	✓
14	t 12.70	L 47°40'	✓	✓	✓
4	t 14.68	L 53°42'	✓	✓	✓
10	✓	R 5°6'	✓	✓	✓
9	✓	L 7°26'	✓	✓	✓
8	✓	L 18°10'	✓	✓	✓
7	✓	R 19°15'	✓	✓	✓
6	✓	R 27°45'	✓	✓	✓
5	✓	L 31°10'	✓	✓	✓
15	✓	R 9°30'	✓	✓	✓
16	✓	L 9°51'	✓	✓	✓
At 3200	May 24	0°0' on 3201	M.H. 1.45		
3201	✓	0°0'			
17	t 10.17	L 32°40'	✓	✓	✓
18	t 11.02	L 39°10'	✓	✓	✓
19	t 13.78	L 51°15'	✓	✓	✓

3 has been moved.

Hor L = L 18°20'

H DIST = 9.10

MAY 20
 By DIRECT READING LEVELING
 Δ 21 is 3.25 M. ABOVE Chart level at 48

Station	Reading	Angle	Distance	M.H.I.
At Δ 21	1935	0° 0' on Δ 20	1935	M.H.I. = 1.45
Δ 20	✓	0° 0'	✓	✓
Δ L.S. 12	1.503 1.397	R 77° 12'	✓ +0° 49'	1.45
Δ L.S. 13	1.551 1.349	R 83° 57'	✓ +14° 57'	"
30	1.58 1.32	R 88° 5'	✓ +20° 10'	"
L.S. 14	3.25	R 129° 52'	✓	✓
At Δ 20	1933	0° 0' on Δ 21	1933	M.H.I. = 1.42
Δ 21	✓	0° 0'	✓ H 34° 50' E	✓
L.S. 12	1.65 1.21	L 14° 21'	✓ -1° 40'	1.03
L.S. 13	1.666 1.194	L 23° 48'	✓	"
30	✓	L 27° 35'	✓	✓
At Δ 3201	MAY 24	0° 0' on Δ 3200	1932	M.H.I. = 1.53
Δ 3200	1.678 1.384	0° 0'	✓ S 30° 15' W	+0° 35'
Δ A	1932-5 1.613 1.197	R 38° 45'	✓ S 68° 40' W	+10° 35'
Δ C	1932-5 1.645 1.416	R 151° 0'	✓ N 10° 15' E	+1° 30'
3	✓	R 7° 47'	✓	✓
1	✓	L 10° 15'	✓	✓
5	✓	R 23° 0'	✓	✓
8	✓	R 59° 55'	✓	✓
16	✓	R 18° 12'	✓	✓
15	✓	L 17° 16'	✓	✓

48 3.855
 21 0.635
 3.250

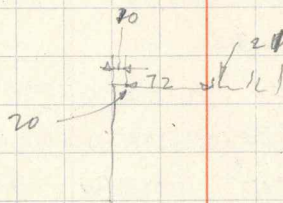
3200
 3201
 Red - Cable DIST = 29.4
 Measured with tape = 29.38
 29.395 (-35')

7	✓	∠42°56'	✓	✓	✓
6	✓	∠28°13'	✓	✓	✓
> 10	± 2.75	∠102°00'	✓	✓	✓
> 9	± 4.08	R98°45'	✓	✓	✓
> 12	± 12.72	R92°25'	✓	✓	✓
> 20	± 10.60	R93°45'	✓	✓	✓
> 21	± 10.70	R97°35'	✓		
> 22	± 9.36	∠96°3'	✓		
> 11	± 11.75	∠92°23'	✓		
> 23	± 9.58	∠100°35'	✓		
> 24	1.605 1.425	∠106°12'	✓	-1°29'	
> 25	1.612 1.448	∠105°25'	✓	-3°5'	1.53
> 26	1.627 1.433	∠136°45'	✓	-1°0'	1.53
DIRECT LEVELS of STAKES from 3201					
Not 3201	M.H.I. =	1.53 Reading	0°0'		
LS 14		1.692	0°0'		1.692
29		1.592	0°0'		1.592
3200		1.215	0°0'		1.215
Not 3201		0°0' on 3200			
LS 15	✓	∠21°45'	✓	✓	✓
LS 16	✓	∠35°44'	✓	✓	✓
LS 17	✓	∠46°45'	✓	✓	✓
LS 18	✓	Cont See tape - 5.34 from LS 14	✓	✓	✓
LS 19	✓	R35°47'	✓	✓	✓
LS 20		R44°20'	✓	✓	✓

27

48

.76



2417
1.53
48

1.91
1.53
38

1.84
1.53
31

Direct Leveling 26 = 1.84 = 31cm below 3201
 " " 25 = 2.417 = .887 " " "
 " " 24 = 1.91 = .33 " " "
 ⊙ 3201

1.75
27
1.42

1932-5	1932-5				
TKA 318	MAY 25	0°0' on 161		M-H = 1.53	
Δ 161	1.791	0°0'	N 21° 35' E	+ 5° 54'	"
Δ 322	1.269	R 103° 3'	S 55° N E	+ 1° 30'	1.00
Δ 323-A	1.351 0.649 1.859 1.221	R 157° 4'	S 1° 15' E		1.53
Δ 776	1.780 0.824	R 145° 3'	S 13° 25' E	+ 1° 20'	1.20
TKA 776		0°0' on 318		M.H. 1.53	
Δ 318	1.378 1.621	0°0'	N 13° 20' W	- 2° 2'	1.00
Δ 323-A	1.649 1.451	40° 23'	N 53° 45' W	+ 0° 51'	1.53
Δ 323	✓	37° 15'	N 50° 30' W	✓	✓
TKA 776		0°0' on 323-A			
Δ 323-A	✓	0°0'	✓	✓	✓
1	✓	61° 30'	✓	✓	✓
2	✓	54° 2'	✓	✓	✓
12	✓	55° 15'	✓	✓	✓
10	✓	48° 29'	✓	✓	✓
11	✓	47° 0'	✓	✓	✓
7	✓	17° 18'	✓	✓	✓
3	✓	29° 50'	✓	✓	✓
4	✓	27° 39'	✓	✓	✓
5	✓	28° 15'	✓	✓	✓
9	✓	26° 35'	✓	✓	✓
13	✓	18° 0'	✓	✓	✓
8	✓	32° 36'	✓	✓	✓
6	✓		✓	✓	✓

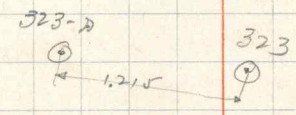
52.1
702
19.8
70.2

from 776 to 323-A = 19.75 - by TAPE
 " 776 to 323 = 19.78 " " within 10 cm.

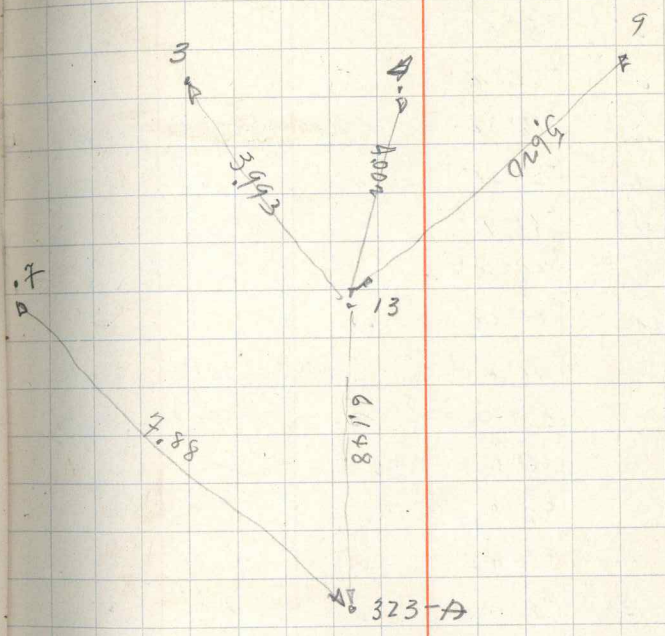
40° 23'
 37° 15'

 3° 11'

FROM 323 to 323-A = 121 or 122



at 323-A		0°0' on 776		M-H.L. = 1.39
Δ 776	✓	0°0'	✓	✓
2	✓	R 73°45'	✓	✓
1	✓	R 62°50'	✓	
8	✓	R 80°46'	✓	
13	✓	R 78°30'	✓	
3	✓	R 70°48'	✓	
4	✓	R 85°50'	✓	
9	✓	R 99°23'	✓	
7	✓	R 31°0'	✓	
11	✓	R 30°30'	✓	
10	✓	R 31°0'	✓	
12	✓	R 26°44'	✓	
5	✓	R 86°5'	✓	
6	5.88	R 41°40'	✓	
15	1.42	R 98°25'	✓	+10°55' 1.50
16	1.588 1.412	R 91°24'	✓	+9°55' 1.50
at Δ 776 MAY-26		0°0' on 323-A		M-H.L. = 1.51
Δ 323-A	✓	0°0'	✓	✓
20	✓	L 26°18'	✓	✓
21	✓	L 27°45'	✓	✓
8-A	✓	L 33°41'	✓	✓
No. 8-B	✓	✓	✓	✓
23	✓	L 35°18'	✓	
22		L 37°8'		



25	✓	L 39° 18'	✓	✓	✓
26	✓	L 43° 54'	✓	✓	✓
27	✓	L 44° 25'	✓	✓	✓
17	✓	L 72° 0'	✓	✓	✓
18	✓	L 81° 6'	✓	✓	✓
19	✓	L 65° 0'	✓	✓	✓
33	1.975 1.725	L 56° 32'	✓	+19° 45'	1.85
32	1.625 1.395	L 51° 25'	✓	+21° 15'	1.51
30	1.602 1.418	L 44° 9'	✓	+15° 0'	1.41
31	1.588 1.432	L 24° 38'	✓	+6° 50'	"
28	1.576 1.444	L 84° 28'	✓	+1° 37'	"
29	3.100 3.38	L 91° 2'		+3° 25'	3.50
at A 323-A		0° 0' on 776		M-H. 1 =	1.405
776	✓	0° 0'	S 53° 40' E	✓	✓
17	✓	R 25° 20'	✓	✓	✓
18	✓	R 31° 42'	✓	✓	✓
19	✓	R 23° 30'	✓	✓	✓
20	✓	R 104° 33'	✓	✓	✓
21	✓	R 106° 15'	✓	✓	✓
8-A	✓	R 77° 40'	✓	✓	✓
22	✓	R 78° 5'	✓	✓	✓
23	✓	R 78° 25'	✓	✓	✓
25	✓	R 77° 5'	✓	✓	✓
26	✓	R 77° 40'	✓	✓	✓
27	✓	R 77° 41'	✓	✓	✓
30	✓	R 60° 40'	✓	✓	✓

4.7
2.3

32 } on pole where mark is.

33 }
37 }

30 }
31 } on ground.

13.50
 .35

13.485
 2

26.930

H. DIST 78 = $\frac{13.5}{-0.03}$
 → 13.47

Scale = 2cm = 1.20. → 26.94

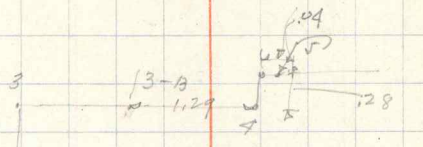
26.3
 .08

26.22
 2

26.44

13	✓	R 78° 28'	✓	✓	✓
13-A	✓	78° 28'	✓	✓	✓
At A, ¹⁹³²⁻³	MAY-27	0° 0' on B, ¹⁹³²⁻³	-ACROPOLIS-	M-H. 1 =	1.20
Δ B,	0.932	0° 0'	N 39° 40' E	-10° 55'	"
Δ 3206	1.344 1.056	65° 45'	N 26° 0' W	+12° 30'	"
Δ 3205	1.319 1.081	100° 18'	N 60° 30' W	+14° 45'	"
At B, ¹⁹³²⁻³		0° 0' on A,		M-H. 1 =	1.46
Δ A, ¹⁹³²⁻³	1.726 1.192	0° 0'	S 39° 30' W	+10° 55'	1.46
Δ 3205	1.48 1.114	R 21° 45'	S 61° 20' W	+14° 52'	"
Δ 3206	1.72 1.20	R 32° 10'	S 71° 35' W	+18° 45'	"
At 3206		0° 0' on 3205			
Δ 3205	+ 15.67	0° 0'	S 28° 10' W	✓	✓
5		R 52°			
6		R 39° 27'			
4	+ 3.36	R 67° 35'			
3	+ 4.19	R 60° 30'			
14	+ 5.14	R 66° 0'			
7		R 34° 12'			
8		R 25° 30'			
8-A		R 20° 0'			
9-B		R 16° 20'			
9		R 13° 30'			
1.		R 21° 25'			
2		R 17° 10'			
10		R 11° 0'			

$\sqrt{36}$
 $\sqrt{3.2}$
 $53.4 + 3 = 53.7$ $VL = 10.55' = -1.92$
 $\frac{53.7}{1.92}$
 51.78



. 13

. 323-A

323-A, 13, -15-A, in line

11	✓	R 14°51'	✓	
15	± 3.17	R 79°45'	✓	
16	± 2.25	R 114°30'	✓	
17	± 3.26	R 108°55'	✓	
at 3205		0°0' in 320.6		
3206	✓	0°0'	✓	✓
16		7°5'		
17		10°27'		
15		11°42'		
4		12°10'		
5		8°21'		
6		5°30'		
7		10°5'		
3		15°0'		
8		11°47'		
8-A		14°0'		
9-A		16°45'		
9		20°45'		
2		29°5'		
10		35°6'		
11		44°40'		
13	± 6.17	56°35'		
12	± 7.26	47°22'		
20	± 3.16	31°30'		

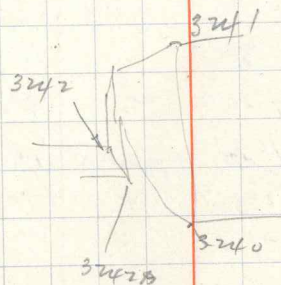
Can't see @ from 3205

1932-5 Tot Δ B, H	MAY-29-	0°0' on 28	1932-5	M-HI=	1.46
74	1.602 1.318	L 116°0'	✓	+0°35'	"
74-A	1.608 1.312	L 118°4'	✓	+0°40'	"
3202	2.006 1.1835	R 25°30'	✓	+0°55'	1.80
Tot 2388	1.641	0°0' on 2380		M-HI=	1.40
Δ 2380	1.155	0°0'	N21°15'E	+12°50'	"
3208	1.41 1.36	R 18°45'	✓	+8°30'	"
3209	1.509 1.291	R 6°45'		+12°0'	"
3210	1.462 1.338	R 10°0'	✓	+14°45'	"
3210-A	1.465 1.335	R 3°25'	✓	+15°20'	"
3211	1.419 1.321	L 17°25'	✓	+15°0'	"
3212	1.479 1.321	L 20°20'	✓	+13°15'	"
3213	1.509 1.291	L 35°35'	✓	+8°45'	"
3223	1.50 1.30	L 39°10'	✓	+8°30'	"
3224	1.30 1.10	L 48°0'	✓	+20°0'	1.20
3215	1.51 1.29	L 20°30'	✓	+11°35'	1.40
3219	1.62 1.38	L 40°0'	✓	+12°5'	1.50
3218	1.499 1.301	L 5°45'	✓	+14°20'	1.40
3220	1.572 1.288	R 23°00'	✓	+12°10'	"
3221	1.482 1.312	R 30°45'	✓	+13°45'	"
3222	1.478 1.322	R 32°0'	✓	+11°30'	"
3216	1.537 1.283	L 18°40'	✓	+10°50'	"
Tot Δ 2386	1.775	0°0' on 2380		M-HI=	1.52
Δ 2380	1.265	0°0'	N18°35'W	+6°0'	1.52
Δ 3230	1.682 1.358	L 130°58'	S 30°15'W	+7°42'	"

74 = paint on edge of stairway post
74-A " " " " " "

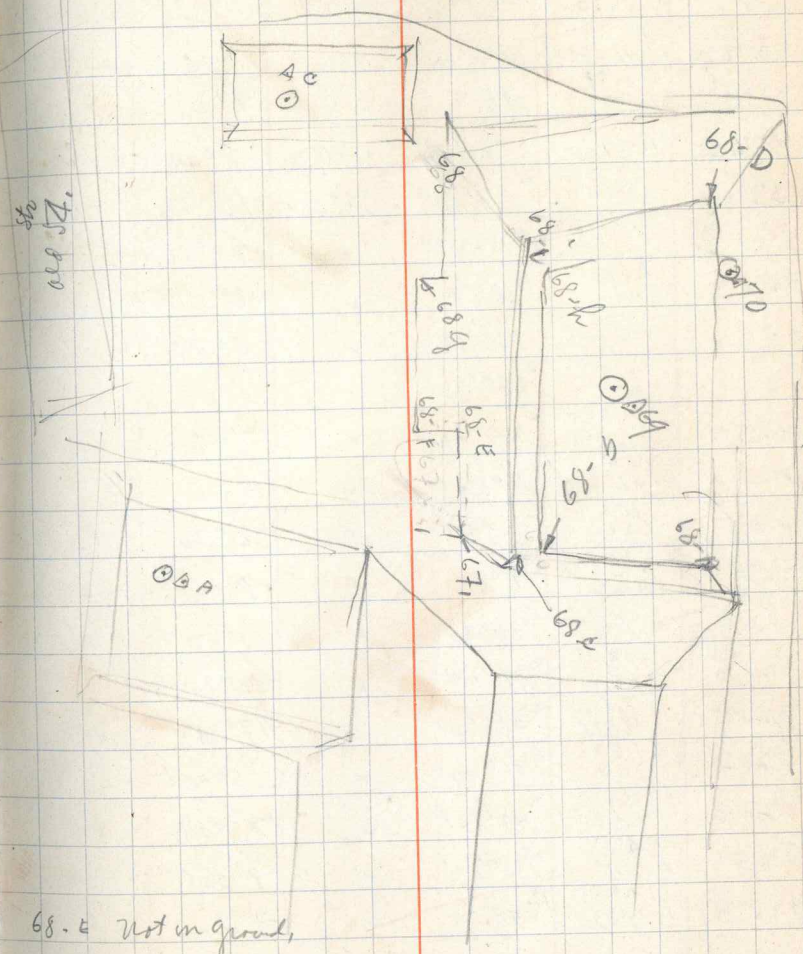
28.4 28.7
29.6 29.9

At 2386					1.20
3226	$\frac{1581}{1419}$	R 38° 45'	✓	+0° 25'	"
3227	$\frac{1562}{1438}$	R 38° 45'	✓	-1° 0'	"
3228	$\frac{1559}{1441}$	R 40° 30'	✓	-1° 50'	"
3229	$\frac{15935}{1488}$	R 7° 45'	✓	+1° 0'	"
3231	$\frac{159}{141}$	R 10° 20'	✓	+1° 40'	"
3232	$\frac{1572}{1428}$	R 6° 30'	✓	+0° 35'	"
3233	$\frac{1531}{1482}$	L 10° 30'	✓	-0° 35'	"
3234	$\frac{153}{147}$	L 22° 10'	✓	+2° 30'	"
3221-A	$\frac{1598}{1402}$	L 31° 30'	✓	-1° 50'	"
3235	$\frac{1583}{1418}$	L 46° 0'	✓	-1° 0'	"
3236	$\frac{1991}{1819}$	L 63° 0'	✓	+0° 50'	1.90
3239	$\frac{1592}{1408}$	L 79° 45'	✓	+1° 0'	1.50
3237	$\frac{5}{5.10}$	L 57° 30'	✓	✓	✓
3238	$\frac{5}{4.25}$	L 66° 40'	✓	✓	✓
3245	$\frac{5}{5.40}$	L 38° 45'	✓	✓	✓
3245-A	$\frac{5}{4.82}$	L 31° 20'	✓	✓	✓
3244	$\frac{155}{145}$	L 37° 40'	✓	+5° 50'	1.50
3240	$\frac{1561}{1439}$	L 22° 45'	✓	+5° 50'	"
3242-A	$\frac{1561}{1439}$	L 32° 30'	✓	+6° 45'	"
3242	$\frac{1568}{1432}$	L 37° 10'	✓	+9° 0'	"
3241	$\frac{1598}{1402}$	L 27° 0'	✓	+11° 0'	"
3243	$\frac{1566}{1434}$	L 54° 30'	✓	+8° 40'	"
3240	$\frac{156}{144}$	L 71° 15'	✓	+2° 35'	"
3249	$\frac{1565}{1435}$	R 16° 00'	✓	+0° 20'	"



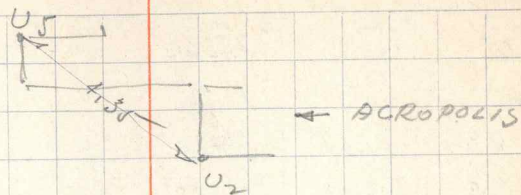
3248	1.558 1.442	R 165°15'	✓	+2°30'	1.50
3246	1.542 1.458	R 146°00'	✓	+1°45'	"
3247	1.548 1.452	R 137°01'	✓	-2°30'	"
3247-A	1.529 1.461	R 97°30'	✓	-4°30'	"
At A ₁	^{1.332} JUN.-154	0°0'0" AB ₁	^{1931-S}	M.H.I. = 1.20	
Δ B ₁	✓	0°0'0"	✓	✓	✓
U ₃	± 4.38	∠ 69°50'			
U-5	± 8.93	∠ 83°0'			
54	± 3.15	∠ 139°25'			
52	± 6.28	∠ 105°15'			
55-a	± 8.65	∠ 127°30'			
68	1.309 1.057	∠ 157°25'	✓	-4°10'	1.20
Δ 70 ✓	✓	∠ 132°20'	✓	✓	✓
Δ 69	1.5415 1.0585	∠ 22°30'	✓	+7°30'	1.20
17	✓	✓	✓	✓	✓
68-D ✓	2.085 1.715	∠ 136°30'	✓	+4°30'	1.90
68-C	1.527 1.278	∠ 111°15'	✓	+7°0'	1.40
67m	✓	✓	✓	✓	✓
67:l	3.40 3.20	∠ 120°10'	✓	0°0'	3.30
68-b ✓	1.531 1.269	∠ 111°35'	✓	+7°10'	1.40
68-E	0.7015 0.4915	∠ 130°10'	✓	-4°45'	0.60
68-F	1.70 1.50	∠ 131°10'	✓	-4°45'	1.60
68-G ✓	1.327 1.078	∠ 153°15'	✓	-5°0'	1.20
68-H ✓	1.357 1.047	∠ 142°15'	✓	+5°0'	1.20
68-I	1.351 1.049	∠ 145°45'	✓	+3°0'	1.20

RECHECK ON ACROPOLIS



1932-5					
At A ₁					
U-2	V	L 82°35'			
58	t 5.70	R 155°30'			
At Δ 3230	JUN-2ND	0°0' on Δ 2386	M-H.1	1.417	
Δ 2386	1.289	0°0'	N 30°20' E	-7°45'	1.45
Δ 3265	1.628 1.271	R 166°55'	S 17°00' W	-12°40'	"
Δ 3267	1.77 1.13	R 113°10'	S 36°30' E	-18°20'	"
3253	1.528 1.372	R 107°55'		-21°20'	"
3263	1.49 1.41	R 163°30'		-8°10'	"
3262	1.518 1.382	L 146°50'		-4°45'	"
3264	1.69 1.61	L 140°35'		0°0'	1.65
3264-A	1.461 1.379	L 84°10'		0°0'	1.42
3260	1.91 1.84	L 5°30'		0°0'	1.875
3261	1.521 1.379	L 63°0'		-2°20'	1.45
3259	1.498 1.406	R 9°0'		-7°15'	1.45
3257	1.51 1.49	R 36°30'		-10°50'	"
3256	1.518 1.382	R 39°15'		-11°15'	"
3255	1.525 1.375	R 48°14'		-17°15'	"
3252	1.533 1.367	R 46°40'		-15°10'	"
3252	1.57 1.33	R 50°15'		-13°00'	"
3251	1.45 1.25	R 35°15'		-9°50'	1.30
3258	1.487 1.413	R 58°30'		-7°5'	1.45
At Δ 3265		0°0' on Δ 3230	M-H.1	1.497	
Δ 3230	1.678 1.322	0°0'	N 17°0' E	+12°45'	1.50
Δ 3273	1.672 1.328	R 143°20'	S 19°45' E	-23°58'	"
Δ 3274	1.779 1.221	R 134°40'	S 28°15' E	-7°4'	"

435



35.7

8.4

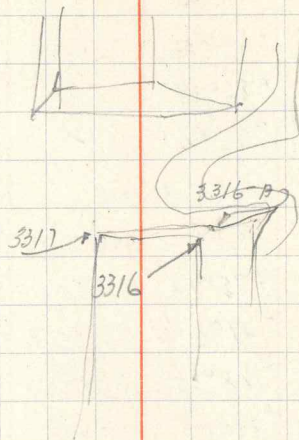
3275	^{1.55} 1.45	R 27° 0'	✓	+5° 30'	1.50
3276 ✓	^{1.583} 1.417	L 46° 0'	✓	+10° 10'	1.50
3268	+ 1.45	R 174° 0'	✓	✓	✓
3269	+ 6.55	L 98° 45'	✓	✓	✓
3270	+ 8.85	L 63° 15'	✓	✓	✓
3271	+ 4.00	R 33° 0'	✓	✓	✓
3272	^{1.553} 1.407	L 178° 30'	✓	-26° 30'	1.50
At Δ 3273	Jun 3 rd	0° 0' on 3265		N.H. = 1.515	
Δ 3265	^{1.67} 1.33	0° 0'	N 19° 45' W	+23° 57'	1.50
Δ 3267	^{1.68} 1.316	R 87° 39'	N 68° 10' E	+2° 25'	"
Δ 3277	^{1.311} 0.689	R 124° 23'	S 75° 0' E	+6° 25'	1.00
Δ 3274	^{1.639} 1.361	R 162° 0'	S 37° 35' E	+12° 30'	1.50
Δ 223	^{1.696} 1.3035	L 107° 42'	S 52° 35' W	-6° 25'	"
Δ 3320	^{1.687} 1.313	L 148° 27'	S 11° 50' W	-1° 50'	"
Δ 3321	^{1.7985} 1.2015	L 150° 20'	S 9° 50' W	-0° 8'	"
3288	^{1.596} 1.404	L 52° 15'	✓	+2° 0'	"
3284	^{1.572} 1.408	L 34° 30'	✓	+12° 35'	"
3286	^{1.591} 1.409	L 37° 0'	✓	+11° 15'	"
3285		L 24° 0'	✓		
3283	^{1.572} 1.428	L 24° 30'	✓	+16° 35'	1.50
3282	^{1.565} 1.435	L 23° 0'	✓	+14° 55'	"
3278	^{1.582} 1.4175	L 13° 15'	✓	+15° 25'	"
3279	^{1.577} 1.423	L 0° 45'	✓	+15° 40'	"
3280	^{1.555} 1.445	L 21° 0'	✓	+15° 0'	"
3281	^{1.532} 1.468	L 31° 15'		+1° 30'	"

Δ 223 of 1932-S

3285, about as shown in sketch
big tree in way,

← this should be $\frac{1.7985}{1.2015} = 57.7 = 11.5$

At 3273	cont,				
3313	1.511 1.449	R 60°0'	✓	+1°5'	1.50
3312	1.516 1.444	R 65°15'	✓	+2°40'	"
3315	1.603 1.397	R 72°45'	✓	+1°15'	"
3314	1.601 1.399	R 61°30'	✓	+2°20'	"
3311	1.518 1.447	R 81°50'	✓	+0°40'	"
3311-A	1.516 1.444	R 95°0'	✓	-3°45'	"
3310	1.569 1.431	R 100°30'	✓	-5°15'	"
3309	1.585 1.415	L 142°10'	✓	-8°25'	"
3307	1.552 1.448	L 128°25'	✓	-5°50'	"
3308	1.555 1.445	L 139°15'	✓	-10°30'	"
3305	1.555 1.445	L 118°0'	✓	-6°15'	"
3306	1.512 1.448	L 111°30'	✓	-7°30'	"
3303	1.535 1.465	R 176°15'	✓	-14°45'	"
3318	1.536 1.464	R 116°10'	✓	-9°20'	"
3300	± 2.60	L 104°30'	✓	✓	✓
3299	± 4.00	L 109°15'	✓	✓	✓
3302	± 4.05	L 135°40'	✓	✓	✓
3301	± 4.85	L 133°0'	✓	✓	✓
3297	± 4.65	L 77°45'	✓	✓	✓
3296	± 5.50	L 80°0'	✓	✓	✓
3298 3317	± 3.80	L 23°0'	✓	✓	✓
3316	± 5.15	R 105°30'	✓	✓	✓
3316-A	± 6.45	R 103°30'	✓	✓	✓
3304	± 4.70	R 169°30'	✓	✓	✓



At 3273	Cont,				
3295	1.537 1.463	∠ 63° 45'	✓	-2° 30'	1.50
3294	1.557 1.443	∠ 101° 10'	✓	-6° 45'	"
3293	1.558 1.442	∠ 106° 45'	✓	-7° 15'	"
3292	1.578 1.422	∠ 86° 30'	✓	-6° 0'	"
3291	1.569 1.431	∠ 86° 30'	✓	-3° 15'	"
3290	1.559 1.441	∠ 66° 0'	✓	-1° 10'	"
At A3267		0° 0' on 3273		10-H.1 =	1.375
Δ 3273	1.585 1.215	0° 0'	S 68° 5' W	-2° 25'	1.40
Δ 3230	1.718 1.032	R 75° 14'	N 36° 30' W	+18° 20'	"
Δ 3274	1.60 1.20	∠ 41° 0'	S 27° 5' W	+6° 22'	"
Δ 3277	1.599 1.201	∠ 108° 35'	S 40° 25' E	+8° 40'	"
3329	1.452 1.348	∠ 3° 35'	✓	-7° 50'	"
3323	1.452 1.349	∠ 15° 45'	✓	-3° 55'	"
3322	1.443 1.357	∠ 39° 20'	✓	-3° 0'	"
3325	1.44 1.36	∠ 43° 15'	✓	-5° 25'	"
3326	1.481 1.319	∠ 36° 50'	✓	-2° 20'	"
3327	1.481 1.319	∠ 27° 30'	✓	-2° 20'	"
3328	1.493 1.307	∠ 22° 30'	✓	-4° 50'	"
3348	1.493 1.307	∠ 46° 0'	✓	+1° 35'	"
3349	1.498 1.302	∠ 49° 12'	✓	+0° 20'	"
3350	0.576 0.284	∠ 50° 0'	✓	+0° 15'	0.40
3351	1.52 1.28	∠ 51° 10'	✓	+3° 45'	1.40
3352	1.55 1.25	∠ 52° 15'	✓	+4° 0'	"
3345	1.098 0.902	∠ 68° 43'	✓	+2° 0'	1.00

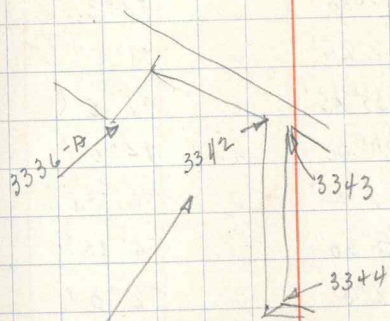
3324 No



Not 3267 - Cont

3346	1.492 1.308	L 66°40'	✓	+1°35'	1.40
3344 3347	1.48 1.32	L 70°35'	✓	+0°35'	"
Not 3267	don-4	L 41° 0' in	32740° in	3273	MHI = 1.375
3274	✓	L 41° 0'	S 27° 5' W	✓	✓
3330	1.431 1.369	L 66°30'	✓	-1°0'	1.40
3334	1.473 1.324	L 55°0'	✓	-2°10'	"
3333	1.471 1.329	L 66°20'	✓	-1°0'	"
3332	1.476 1.324	L 79°10'	✓	+1°10'	"
3336-A	1.183 0.917	L 101°30'	✓	+3°0'	1.00
3342	1.098 0.902	L 95°15'	✓	+3°30'	"
3343	1.116 0.894	L 93°45'	✓	+4°30'	"
3336-B	1.099 0.901	L 106°10'	✓	+7°0'	"
3336	1.475 1.325	L 132°10'	✓	+7°35'	1.40
3338	1.498 1.302	L 133°0'	✓	+10°20'	"
3339	1.485 1.315	L 133°30'	✓	+8°25'	"
3337	0.498 0.302	L 139°45'	✓	+8°0'	0.40
3337-A	0.502 0.298	L 141°8'	✓	+8°45'	0.40
3341	0.61 0.39	L 156°10'	✓	+8°45'	0.50
3340	1.599 1.401	L 162°35'	✓	+8°0'	1.50
3331	1.443 1.357	L 103°0'	✓	+3°0'	1.40
3266	1.439 1.361	R 67°35'	✓	-9°15'	"
Not 3277		0°0' on	3273	MHI = 1.42	
Δ 3273	1.711 1.089	0°0'	N 75°10' W	-7°55'	1.40
Δ 3267	1.579 1.201	R 34°42'	N 40°30' W	-8°40'	1.40
Δ 3360	1.591 1.209	L 51°25'	S 53°25' W	-1°37'	"

diff in Elev 3333 & 3334 should figure about 0.30



THIS IS MORE CORRECT THAN SH. 34 SHOWS IT.

3361	4441 1.359	61°25'	✓	-3°30'	1.40
3362	1.445 1.355	49°40'	✓	-6°15'	"
3363	1.464 1.336	47°50'	✓	-1°0'	"
3366	1.467 1.333	36°0'	✓	-5°35'	"
3364	1.476 1.324	57°45'	✓	-1°35'	"
3365	1.481 1.319	54°0'	✓	-2°0'	"
3367 3368	1.45 1.35	108°50'	✓	+3°0'	"
3369	1.467 1.333	104°15'	✓	+1°40'	"
3373	1.509 1.281	98°0'	✓	0°0'	"
3372	1.513 1.287	102°30'	✓	+1°30'	"
3374	1.523 1.277	112°25'	✓	+1°5'	"
3371	1.49 1.31	133°45'	✓	+5°0'	"
3370	1.071 0.929	130°30'	✓	+4°0'	"
3384	1.515 1.285	27°45'	✓	-6°35'	"
3383	1.513 1.287	35°30'	✓	-4°10'	"
3382	1.508 1.292	52°0'	✓	-2°0'	"
3381	1.508 1.292	57°0'	✓	-1°15'	"
3380	1.532 1.268	61°10'	✓	-1°50'	"
3379	1.52 1.28	61°0'	✓	-0°30'	"
3376	1.492 1.308	80°25'	✓	-0°30'	"
3375	1.49 1.21	81°25'	✓	-1°0'	"
3377 3378	1.51 1.29	83°50'	✓	-1°10'	"
3378-A	1.543 1.257	88°0'	✓	-2°40'	"
3353	1.532 1.268	94°35'	✓	-1°50'	"
3354	1.529 1.271	93°15'	✓	-1°30'	"

3378-A edge of hill starting down

3355	1.502 1.298	R 92°35'	✓	-2°20'	1.40
3356	1.50 1.30	R 94°10'	✓	-2°45'	"
3357	1.472 1.328	R 105°30'	✓	-0°10'	"
3358	1.472 1.328	R 84°0'	✓	-1°30'	"
3359	1.485 1.315	R 79°50'	✓	-5°0'	"
3385	0.462 0.338	R 157°30'	✓	+15°10'	0.40
cut A 3360	Jan-5th 1.641	0°'m	3277	M-H-1=	1.45
Δ 3277	1.259	0°0'	N 53°30' E	+1°35'	1.45
Δ 3274	1.556 1.344	L 88°42'	N 35°15' W	-1°10'	"
Δ 3400	1.5785 1.2215	R 71°38'	S 35° E	-6°25'	"
Δ 3401	1.245 0.755	R 141°19'	S 15°20' W	-12°57'	1.00
3397	t 2.25	R 69°30'	✓	✓	✓
3398	t 3.30	R 106°30'	✓	✓	✓
3396	t 2.20	R 174°0'	✓	✓	✓
3395	t 2.85	L 118°0'	✓	✓	✓
3394	t 3.80	L 115°0'	✓	✓	✓
3402	t 3.25	L 22°40'	✓	✓	✓
3399	t 4.15	L 20°15'	✓	✓	✓
3403	1.492 1.408	L 148°0'	✓	-1°15'	1.45
3404	1.492 1.409	L 144°10'	✓	-2°10'	"
3405	1.501 1.399	L 160°0'	✓	-2°10'	"
3406	1.50 1.40	L 166°0'	✓	-5°0'	"
3407	1.108 0.592	L 138°15'	✓	-2°50'	1.00
3408	1.511 1.289	L 141°20'	✓	-2°50'	1.40
3410	1.558 1.342	L 127°30'	✓	-1°10'	1.45

Probable Small Mound back of (East)
Point 3385-

3409	1.113 0.884	L 125°40'	✓	-3°20'	1.00
3412	2.536 2.264	L 91°00'	✓	-2°50'	2.40
3411	1.57 1.33	L 92°45'	✓	-2°15'	1.45
3390	1.55 1.35	L 89°20'	✓	-1°10'	"
3391	1.521 1.359	L 91°30'	✓	0°0'	"
3392	1.527 1.373	L 103°00'	✓	-0°10'	"
3393	1.877 1.723	L 108°50'	✓	0°0'	1.80
3413	1.51 1.39	L 80°45'	✓	+2°45'	1.45
3388	1.509 1.391	L 62°10'	✓	+1°45'	"
3389	1.512 1.388	L 54°15'	✓	+0°40'	"
3387	1.491 1.409	L 66°00'	✓	+1°50'	"
3386	1.488 1.412	L 58°00'	✓	+0°40'	"
At Δ3320		0°0'W 3273		M-H = 1.475	
Δ3273	1.637 1.263	0°0' N12°0'E		+1°47'	1.45
Δ223	1.583 1.317	L 72°20' N66°15'W		-6°50'	"
Δ3321	1.56 1.34	R 74°30' S6°30'W		+2°42'	"
3416	1.525 1.375	L 44°50'	✓	-5°10'	"
3415	1.528 1.372	L 37°15'	✓	-4°15'	"
3414	1.532 1.368	L 30°30'	✓	-2°35'	"
3418	1.545 1.355	L 36°40'	✓	-2°30'	"
3417	1.52 1.38	L 54°15'	✓	-8°10'	"
3450	1.579 1.321	L 95°15'	✓	-9°10'	"
3451	1.569 1.331	L 97°40'	✓	-7°10'	"
3435	0.99 0.81	L 106°15'	✓	-11°0'	0.90
3452	1.545 1.355	L 96°15'	✓	-9°35'	1.45

3436	1.538 1.362	L 113°30'	✓	-6°10'	1.45
3437	1.908 1.692	L 119°30'	✓	-8°0'	1.80
3438	1.545 1.355	L 120°30'	✓	-5°50'	1.45
3439	1.54 1.36	L 136°10'	✓	-9°15'	"
3440	1.54 1.36	L 140°15'	✓	-8°5'	"
3441	1.559 1.341	L 144°15'	✓	-6°40'	"
3442	1.571 1.329	L 140°25'	✓	-9°15'	"
3433	1.521 3.1379	L 140°40'	✓	-8°0'	"
3434	1.526 1.374	L 147°15'	✓	-10°10'	"
3432	1.509 1.391	L 135°30'	✓	-9°15'	"
3431	1.502 1.398	L 134°5'	✓	-12°35'	"
3449	1.595 1.305	L 167°15'	✓	-8°15'	"
3443	1.57 1.33	L 165°20'	✓	-7°30'	"
3444	1.557 1.343	L 168°0'	✓	-5°35'	"
3445	1.538 1.362	L 170°20'	✓	-6°45'	"
3446	1.532 1.368	L 170°40'	✓	-8°0'	"
3447	1.531 1.369	L 172°10'	✓	-8°30'	"
3425	1.517 1.383	R 174°15'	✓	-9°50'	"
3424	1.493 1.407	L 178°0'	✓	-11°55'	"
3426	1.505 1.395	R 154°0'	✓	+1°45'	"
3427	1.497 1.403	R 133°45'	✓	+3°30'	"
3422	1.482 1.418	R 128°30'	✓	+3°30'	"
3423	1.435 1.4185	R 156°40'	✓	-3°30'	"
3419	1.438 1.412	L 110°30'	✓	-19°0'	"
3420	± 2.115	L 73°45'	✓	✓	✓

3421	t 3.35	R 19° 0'	✓	✓	✓
At Δ 3321	Jan-62	0° 0' m Δ 3273		M-H = 1.443	
Δ 3273	^{1.7485} 1.515	0° 0'	N 10° 0' E	70° 10'	1.45
Δ 3320	^{1.56} 1.34	L 3° 29'	N 6° 30' E	-2° 40'	"
Δ 3401	^{1.635} 1.265	R 123° 27'	S 46° 30' E	-5° 50'	"
Δ 3471	^{1.687} 1.213	L 164° 15'	S 26° 30' W	-6° 25'	"
3448-A	t 3.90	R 89° 0'	✓	✓	✓
3487	t 5.00	R 126° 30'	✓	✓	✓
3488	t 3.90	L 143° 0'	✓	✓	✓
3447-A	t 2.25	L 45° 30'	✓	✓	✓
3420	^{1.336} 1.164	R 57° 0'	✓	-7° 30'	1.25
3429-A	^{1.52} 1.38	R 64° 15'	✓	-7° 30'	1.45
3429	^{1.514} 1.383	R 63° 30'	✓	-5° 0'	"
3428-A	^{1.519} 1.381	R 81° 50'	✓	-13° 30'	"
3428	^{1.512} 1.388	R 80° 30'	✓	-16° 10'	"
3448	^{1.50} 1.40	R 81° 23'	✓	-20° 30'	"
3482	^{1.50} 1.40	R 112° 30'	✓	-18° 45'	"
3481	^{1.499} 1.401	R 115° 0'	✓	-19° 0'	"
3483	^{0.757} 0.549	R 111° 20'	✓	-12° 30'	0.65
3484	^{0.759} 0.541	R 108° 0'	✓	-12° 50'	"
3486	^{1.551} 1.349	R 122° 15'	✓	-11° 0'	1.45
3485	^{1.563} 1.337	R 124° 0'	✓	-11° 50'	"
3476	^{1.52} 1.36	R 130° 55'	✓	-14° 30'	"
3477	^{1.559} 1.361	R 135° 15'	✓	-15° 55'	"
3479	^{1.515} 1.385	R 162° 30'	✓	-26° 0'	"

3478	1.5015 1.3985	R 145°30'	✓	-23°0'	1.45
3480	1.498 1.402	R 136°15'	✓	-20°0'	"
3475	1.5715 1.3285	R 157°20'	✓	-12°35'	"
3474	1.568 1.332	R 158°0'	✓	-15°30'	"
3472	1.554 1.346	L 162°25'	✓	-16°0'	"
3473	1.548 1.352	L 158°30'	✓	-17°30'	"
3462	1.562 1.338	L 121°0'	✓	-15°35'	"
3461	1.568 1.332	L 118°30'	✓	-14°20'	"
3460	1.581 1.319	L 115°45'	✓	-13°0'	"
3459	1.591 1.309	L 117°40'	✓	-13°40'	"
3463	1.576 1.354	L 96°0'	✓	-16°10'	"
3464	1.574 1.36	L 97°15'	✓	-15°45'	"
3465	1.524 1.378	L 96°20'	✓	-20°0'	"
3466	1.521 1.379	L 94°30'	✓	-21°5'	"
3458	1.741 1.459	L 74°10'	✓	-11°15'	1.60
3457	1.581 1.319	L 74°0'	✓	-11°12'	1.45
3456	1.565 1.335	L 69°45'	✓	-12°25'	"
3455	1.577 1.320	L 65°40'	✓	-10°15'	"
3454	1.57 1.31	L 68°25'	✓	-9°50'	"
3453	1.599 1.301	L 70°15'	✓	-11°0'	"
Not Δ 3471	1.687	0°0' m 3321		M-H.12	1.43
Δ 3321	1.23	0°0'	N 26°15' E	+6°30'	1.45
Δ 3401	1.70 1.20	R 44°22'	N 70°30' E	+1°44'	"
Δ 3500	1.68 1.22	R 134°41'	S 19°30' E	-2°21'	"
Δ 250	1.504 1.296	L 142°10'	S 63°30' E	+3°10'	"

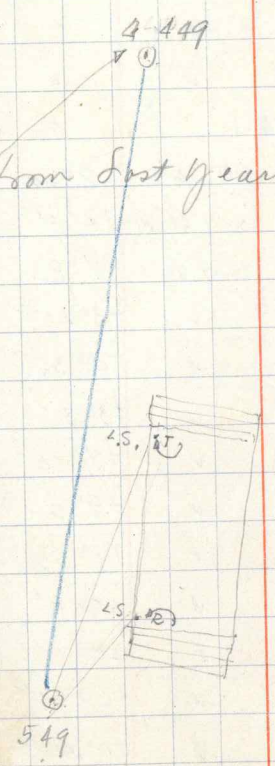
3495	^{1.55} 1.35	4°50'	✓	-4°10'	1.45
3494	^{1.565} 1.335	2°00'	✓	-0°10'	"
3469	^{1.585} 1.345	7°35'	✓	-3°15'	"
3470	^{1.566} 1.334	12°00'	✓	-1°00'	"
3468	^{1.563} 1.337	19°25'	✓	-0°45'	"
3467	^{1.558} 1.345	22°55'	✓	-3°14'	"
3515	^{1.545} 1.355	15°15'	✓	-9°00'	"
3514	^{1.547} 1.353	25°15'	✓	-1°15'	"
3512	^{1.548} 1.352	34°55'	✓	-1°00'	"
3513	^{1.554} 1.346	41°45'	✓	-4°30'	"
3516	^{1.498} 1.402	6°35'	✓	-8°35'	"
3506	^{1.501} 1.399	11°00'	✓	-12°05'	"
3507	^{1.485} 1.415	11°30'	✓	-2°00'	"
3508	^{1.483} 1.417	47°45'	✓	-0°30'	"
3511	^{1.50} 1.40	44°45'	✓	-3°00'	"
3498	^{1.53} 1.37	R 85°40'	✓	-9°00'	"
3497	^{0.69} 0.51	R 82°10'	✓	-7°30'	0.60
3499	^{1.552} 1.348	R 83°30'	✓	-4°15'	1.45
3501	^{1.56} 1.34	R 87°00'	✓	-5°50'	"
3487	^{1.568} 1.332	R 83°30'	✓	-3°00'	"
3488	^{1.575} 1.325	R 53°30'	✓	-3°15'	"
3486	^{1.581} 1.315	R 53°00'	✓	-3°20'	"
3489	^{1.578} 1.322	R 47°50'	✓	-1°00'	"
3490	^{1.562} 1.338	R 40°30'	✓	-0°50'	"
3496-B	^{1.501} 1.295	R 50°00'	✓	-3°35'	1.40

shore K
Diff - Elev of 3486 & 3489 = 1.00

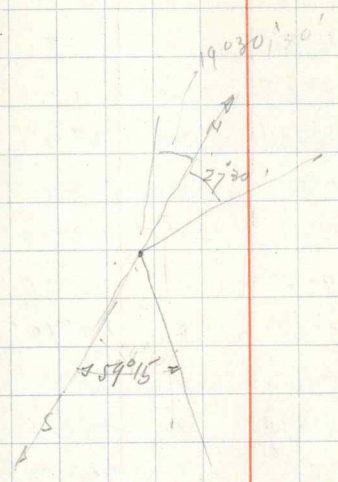
3496	1.555 1.345	R 45°30'	✓	-4°35'	1.45
3491	1.10 0.90	R 36°45'	✓	-6°20'	1.00
3492	1.117 0.883	R 27°45'	✓	-4°25'	1.00
3493	1.189 1.317	R 28°30'	✓	+0°10'	1.45
3449	1.645 1.255	L 9°15'	✓	+0°10'	"
3517	1.498 1.402	R 102°01'	✓	-14°01'	"
3502	1.57 1.39	R 127°01'	✓	-10°30'	"
3503	1.49 1.41	R 142°01'	✓	-5°15'	"
3504	1.49 1.41	R 163°30'	✓	-4°25'	"
3505	1.508 1.392	L 179°30'	✓	-11°45'	"
std 549	1.335	0°0' on	Δ 449 ?	fork up	M.H.1 = 1.35
Δ 450	1.583 1.217	0°0'	N 19°45' E	+1°5'	1.40
LS # T	t 8.57	R 28°43'	✓	✓	✓
LS # R	t 5.29	R 50°0'	✓	✓	✓
std 3401	JUN 7th	0°0' on	3321	M.H.1 =	1.39
Δ 3321	1.582 1.208	0°0'	N 46°30' W	+5°55'	1.40
Δ 3471	1.65 1.15	L 63°19'	S 70°0' W	-1°45'	1.40
Δ 3500	1.741 1.059	L 105°51'	S 27°30' W	-2°40'	1.40
Δ 3360	1.244 0.756	R 62°0'	N 15°30' E	+11°57'	1.00
3520	1.132 0.868	R 47°45'	✓	+5°45'	1.00
3519	1.11 0.89	R 41°35'	✓	+4°45'	"
3533	1.536 1.364	R 59°0'	✓	+5°55'	1.45
3518	1.485 1.315	R 36°30'	✓	-1°45'	1.40
3521	1.4415 1.3585	R 24°0'	✓	-3°50'	"
3526	t 1.335	L 67°01'	✓	✓	✓

1.45
1392
58

Verify from East Years Map pg-36



3525	^t 3.88	∠74°05'	✓	0°0'	1.025
3524-A	^t 3.98	∠145°35'	✓	0°0'	0.601
3524	^t 3.33	∠161°30'	✓	✓	✓
3521	^L 1.435 ^L 1.365	∠103°35'	✓	+2°45'	1.40
3532	^L 1.441 ^L 1.389	∠123°35'	✓	+4°25'	"
3533	^L 1.4475 ^L 1.3535	∠128°10'	✓	+2°35'	"
3530	^L 1.441 ^L 1.319	∠90°0'	✓	-2°15'	"
3523	^t 6.30	R402°15'	✓	✓	✓
3522	^t 6.15	R42°10'	✓	✓	✓
At A 3500		0°0' on 3401		M.H.I. = 1.385	
Δ 3401	^L 1.70 ^L 1.06	0°0'	N27°30'E	+2°40'	1.40
Δ 3471	^L 1.63 ^L 1.17	∠47°8'	N19°30'W	+2°4'	"
Δ 3550	^L 1.5815 ^L 1.2190	∠93°5'	S59°20'W	+9°23'	"
3536	^L 1.549 ^L 1.251	∠92°55'	✓	-3°20'	"
3537	^L 1.555 ^L 1.245	∠98°20'	✓	-4°35'	"
3542	^L 1.58 ^L 1.22	R90°0'	✓	+8°8'	1.40
3553	^L 1.50 ^L 1.30	R98°15'	✓	+8°10'	"
3552	^L 1.41 ^L 1.19	R98°53'	✓	+9°0'	1.30
3554	^L 1.515 ^L 1.285	R111°40'	✓	+7°55'	1.40
3555	^L 1.408 ^L 1.292	R116°30'	✓	+5°9'	"
3538-A	^L 1.50 ^L 1.30	R117°5'	✓	+5°12'	"
3538	^L 1.48 ^L 1.32	R131°0'	✓	+5°15'	"
3539	^L 1.485 ^L 1.315	R142°15'	✓	+0°50'	"
3541	^L 1.462 ^L 1.348	R96°0'	✓	+10°20'	"
3540	^L 1.443 ^L 1.357	R91°45'	✓	+6°30'	"



59.10
27.30
86.40

179.60
86.40
93.20

19.30
27.30
46.60

500

3527-A	1.438 1.362	R 96°50'	✓	+5°30'	1.40
3527-	1.432 1.368	R 93°0'	✓	+11°50'	"
3534	t 2.30	L 143°35'	✓	✓	✓
3535	t 4.95	L 143°35'	✓	0°0'	2.87
3529	t 2.93	R 136°30'	✓	✓	✓
3529	t 3.75	R 108°0'	✓	✓	✓
3549	0.876 0.724	R 78°20'	✓	+6°35'	0.80
3551	1.493 1.307	R 74°55'	✓	+10°30'	1.40
3548	1.487 1.313	R 69°0'	✓	+10°40'	"
3547	1.502 1.298	R 69°0'	✓	+8°55'	"
3556	1.518 1.282	R 54°30'	✓	+10°10'	"
3557	1.529 1.271	R 47°10'	✓	+9°0'	"
3545	1.508 1.292	R 36°47'	✓	+9°45'	"
3558	1.570 1.30	R 14°0'	✓	+6°10'	"
3544	1.493 1.307	R 43°0'	✓	+11°25'	"
3543	1.475 1.325	R 41°30'	✓	+8°0'	"
At Δ 3550		0°0' on 3500		M-H-1 = 1.40	
Δ 3500	1.58 1.22	0°0' N 59°20' W		-9°22'	1.40
Δ 3600	1.638 1.162	L 175°42' S 54°50' E		+3°50'	"
Δ 3601	1.689 1.111	L 132°4' S 11°25' E		-3°17'	"
3546	1.565 1.235	R 33°53'	✓	-5°24'	2.40
At Δ 3550		10°00' on 3550		M-H-1 = 1.40	
Δ 3601	✓	L 132°4' on 3601			1.40
Δ 3601	✓	L 132°4' S 11°25' E	✓	✓	✓
3560	1.556 1.244	R 68°20'	✓	-1°38'	1.40
3559	1.576 1.24	R 58°15'	✓	-2°35'	"

NOT ABLE TO SEE 3576

from Δ 3500

Note

In closing in on D 696 and 697 there is about the same error as at pt Δ 250. I believe this occurred somewhere between Δ 2355 and Δ 3230 on one check over I wasn't able to find it so it has gone in as an error or may be in the figures or computations although not evident to me on the recheck. The error showed more the traverse about a meter north East.

Not

3570 cont.

3558	1.469 1.231	R 56°42'	✓	-3°45'	1.40
3573	1.460 1.340	R 66°45'	✓	0°0'	"
3571	1.459 1.341	R 48°55'	✓	-1°55'	"
3572	1.465 1.335	R 47°0'	✓	-3°45'	"
3561	1.453 1.347	R 34°6'	✓	-5°0'	"
3562	1.466 1.334	R 10°35'	✓	-6°35'	4
3563	1.4735 1.3265	R 3°8'	✓	-10°23'	"
3569	1.433 1.347	R 1°40'	✓	-13°0'	"
3570	t 5.60	R 20°N'	✓	✓	✓
3565	1.427 1.373	L 64°56'	✓	-18°45'	1.40
3567	t 2.60	L 129°30'	✓	✓	✓
3566	t 3.10	L 69°45'	✓	✓	✓
3568	t 3.90	R 30°25'	✓	✓	✓
3574	t 4.70	R 120°45'	✓	✓	✓
3578	t 3.75	L 171°30'	✓	✓	✓
3577	t 4.55	L 165°30'	✓	✓	✓
3579	1.458 1.342	L 178°35'	✓	+5°25'	1.40
3590	1.477 1.323	R 179°30'	✓	+5°35'	"
3589	1.485 1.315	R 178°45'	✓	+7°20'	"
3580	1.462 1.338	L 163°30'	✓	+4°0'	"
3581	1.477 1.323	L 159°0'	✓	-0°45'	"
3576	1.441 1.347	L 131°50'	✓	+0°45'	"
3575	1.413 1.347	L 116°15'	✓	-9°35'	"
3584	1.48 1.32	L 84°10'	✓	-14°15'	"
3483	1.468 1.332	L 79°5'	✓	-13°15'	"

3585	1.485 1.315	47°30'	✓	-11°35'	1.40
3586	1.468 1.332	47°30'	✓	-13°15'	"
3584	1.434 1.366	47°15'	✓	-14°10'	"
3582-A	1.495 1.305	104°25'	✓	-11°20'	"
3582	1.453 1.347	79°30'	✓	-14°50'	"
3587	1.487 1.313	158°55'	✓	-0°40'	"
3588	1.491 1.309	166°45'	✓	+4°15'	"
At Δ 3600		0°0'm 3550		M.H. 1.46	
Δ 3550	1.688 1.212	0°0'	N55°0'W	-3°51'	1.45
Δ 3601	1.654 1.246	81°47'	S43°10'W	-9°9'	"
Δ 697 ^{1932.5}	1.7065 1.1930	114°0'	S11°W	-6°45'	"
3593	1.052 0.948	R 35°35'	✓	-4°15'	1.00
3592	1.50 1.40	R 6°30'	✓	-5°45'	1.45
3591	1.496 1.404	R 0°30'	✓	-10°40'	"
3596	1.479 1.421	57°45'	✓	-8°25'	"
3597	1.455 1.345	54°30'	✓	-13°40'	1.40
3604	1.512 1.388	91°45'	✓	-11°45'	1.45
3603	1.07 0.93	98°40'	✓	-10°45'	1.00
3607	1.55 1.35	92°0'	✓	-11°15'	1.05
3608	1.558 1.342	121°30'	✓	-9°37'	"
3606	1.542 1.318	120°10'	✓	-7°45'	"
3609	1.465 1.335	122°10'	✓	-8°0'	1.40
3610	1.471 1.329	127°20'	✓	-8°45'	"
3599	1.52 1.38	115°0'	✓	-6°45'	1.45
3598	1.50 1.40	157°40'	✓	-1°40'	"

1.300
82.47
32.13
32.5

3602	1.492 1.408	R 173°45'	✓	0°0'	1.45
3605	1.488 1.1312	L 97°0'	✓	-8°30'	1.40
3595	± 3.90	R 110°30'	✓	✓	✓
3594	± 5.90	R 23°0'	✓	✓	✓
MM Δ 3601		0° on 3550		M-H.I = 1.4375	
Δ 3550	1.739 1.167	0°0' N 110°25' W		+3°18'	1.45
Δ 3600	1.655 1.245	R 54°35' N 43°30' E		+9°8'	"
Δ 697 ¹³²⁵	1.585 1.275	R 150°26' S 40°55' E		+1°0'	"
Δ 696 ¹³²⁵	1.6035 1.2965	L 109°0' S 59°30' W		-0°55'	"
3640	1.715 1.185	L 145°3' S 23°30' W		-2°0'	"
3621	1.452 1.348	L 157°12'	✓	+0°30'	1.40
3616-B	1.506 1.394	L 731°45'	✓	-0°55'	1.45
3616-A	1.0565 0.9035	L 125°30'	✓	-4°30'	1.00
3616	1.5015 1.3985	L 118°0'	✓	-3°25'	1.45
3615	1.50 1.40	L 119°20'	✓	-1°25'	"
3614	1.478 1.422	L 104°45'	✓	-2°0'	"
3613	1.473 1.427	L 83°50'	✓	-9°20'	"
3611	1.48 1.42	R 1°0'	✓	-9°0'	"
3612	1.485 1.415	R 4°20'	✓	-13°10'	"
3622	± 5.35	R 178°0'	✓	✓	✓
3623	± 5.09	L 173°0'	✓	✓	✓
3618	1.50 1.30	L 142°50'	✓	-1°0'	1.40
3617	1.558 1.342	L 140°30'	✓	-1°55'	1.45
3619	1.099 0.901	L 157°12'	✓	-1°20'	1.00
3620	1.304 1.096	L 159°0'	✓	-1°40'	1.20

3624	1.512 1.388	R 176°50'	✓	+0°50'	1.45
3625	1.061 0.939	R 169°35'	✓	-0°30'	1.00
3639	1.528 1.372	R 176°30'	✓	+2°0'	1.45
3638	1.534 1.366	R 157°0'	✓	+0°30'	"
3635	1.635 1.465	R 132°30'	✓	+5°30'	1.55
3637	1.531 1.369	R 143°40'	✓	+2°55'	1.45
3633	1.552 1.344	R 130°20'	✓	+4°35'	"
3634	1.558 1.342	R 132°35'	✓	+3°40'	"
3631	1.555 1.345	R 112°30'	✓	+4°25'	"
3632	1.16 1.34	R 110°0'	✓	+2°55'	"
3630	1.532 1.368	R 112°50'	✓	+6°0'	"
3629	1.526 1.374	R 108°0'	✓	+9°10'	"
3628	1.518 1.382	R 109°10'	✓	+4°35'	"
3627	1.492 1.408	R 102°0'	✓	+5°20'	"
3626	1.49 1.41	R 91°50'	✓	+2°0'	"
at Δ 696	1982-S 1.505	0°0' on 3601		M.H.I. = 1.35	
Δ 3601	1.195	0°0' N 59°40' E		+0°55'	1.35
Δ 697	1922-S 1.572 1.128	R 36°30' S 83°40' E		+0°12'	"
Δ 3640	1.516 1.284	R 110°40' S 9°45' E		-2°20'	"
Δ 3700	1.516 1.184	R 150°8' S 29°40' W		+0°17'	"
Δ 691	1432-S 1.497 1.203	L 142°43' N 83°10' W		-6°9'	"
3658	1.409 1.291	L 136°42'	✓	-3°20'	"
3657	1.413 1.287	L 141°0'	✓	-4°25'	"
3673	1.427 1.2725	L 156°0'	✓	-2°33'	"
3674	1.423 1.277	L 161°40'	✓	-1°15'	10

3675	1.438 1.262	L 170°25'	✓	-1°0'	1.35
3676	1.442 1.258	L 170°0'	✓	-2°25'	"
3667	1.41 1.29	R 133°40'	✓	+0°30'	"
3668	1.411 1.289	R 130°50'	✓	+0°5'	"
3669	1.413 1.287	R 126°30'	✓	0°0'	"
3670	1.417 1.283	R 124°20'	✓	+1°30'	"
3671	1.43 1.27	R 107°5'	✓	+1°5'	"
3672	1.43 1.27	R 103°0'	✓	-0°30'	"
3665	1.386 1.314	R 131°20'	✓	+2°0'	"
3666	1.3815 1.3185	R 125°15'	✓	+0°50'	"
3673-A	1.426 1.274	L 15°45'	✓	-5°0'	"
3643	1.458 1.242	R 60°45'	✓	+1°0'	"
3644	1.455 1.245	R 63°45'	✓	0°0'	"
3641	1.457 1.243	R 52°5'	✓	+1°0'	"
3642	1.455 1.245	R 49°0'	✓	+0°28'	"
3649	1.471 1.17	R 52°45'	✓	+0°45'	"
3648	1.6615 1.3385	R 51°10'	✓	+0°50'	1.50
3647	1.565 1.235	R 59°10'	✓	+0°50'	1.40
3645	1.168 0.832	R 60°10'	✓	-0°25'	1.00
3652	1.39 1.31	L 11°25'	✓	-7°55'	1.35
3651	1.383 1.317	L 15°5'	✓	-6°0'	"
3653	1.385 1.315	L 48°10'	✓	-6°5'	"
3654	1.392 1.308	L 52°50'	✓	-7°55'	"
3364	1.105 0.895	L 84°30'	✓	-8°0'	1.00
3363	1.102 0.898	L 89°15'	✓	-6°15'	"

3662	1.469 1.231	L 96°25'	✓	-4°35'	1.35
3661	1.481 1.219	L 96°5'	✓	-6°25'	"
3660	1.45 1.25	L 118°10'	✓	-5°5'	"
3659	1.43 1.27	L 111°20'	✓	-5°20'	"
3655	1.418 1.282	L 108°0'	✓	-6°45'	"
3656	1.41 1.29	L 114°0'	✓	-5°40'	"
3675-D	± 3.55	L 67°40'	✓	✓	✓
3650	± 3.80	R 83°15'	✓	✓	✓
At 3700		0°0' ON 696			M.H.1 = 1.485
Δ 696	1.666 1.334	0°0'		N 29°40' E (50°55' E)	-0°15' 1.50
Δ 3701	1.678 1.322	R 149°16'		S 1°0' E	-7°19' "
3678	1.581 1.419	R 72°45'	✓	-2°30'	"
3677	1.573 1.427	R 61°8'	✓	+0°40'	"
3674-D	1.55 1.45	R 55°22'	✓	0°0'	"
3676-A	1.5415 1.4595	R 57°20'	✓	-2°45'	"
3620	1.531 1.469	R 52°0'	✓	-3°0'	"
3681	1.53 1.47	R 107°0'	✓	-9°45'	"
3686	1.033 0.967	L 74°50'	✓	-6°0'	1.00
3687	1.539 1.461	L 69°45'	✓	-4°25'	1.50
3688	1.5475 1.4525	L 72°50'	✓	-4°30'	"
3689	1.572 1.428	L 78°20'	✓	-5°10'	"
3690	1.578 1.422	L 81°50'	✓	-7°10'	"
3684	1.57 1.46	L 111°10'	✓	-6°45'	"
3685	1.532 1.468	L 109°30'	✓	-3°30'	"
3682	± 5.00	R 94°30'	✓	✓	✓
3679	± 5.85	R 52°30'	✓	✓	✓

3692	1.586 1.414	L 56°45'	✓	-3°20'	1.50
3691	1.571 1.469	L 57°10'	✓	-4°35'	"
3693	1.575 1.425	L 46°45'	✓	-3°5'	"
3710	1.56 1.48	R 112°0'	✓	-10°20'	"
3711	1.09 0.91	R 101°47'	✓	-8°30'	1.00
3712	1.104 0.896	R 120°10'	✓	-8°0'	"
3713	1.61 1.39	R 120°20'	✓	-7°45'	1.50
3709	0.587 0.413	R 130°10'	✓	-11°25'	0.50
3708	0.99 0.81	R 134°55'	✓	-11°30'	0.90
3706	1.57 1.43	R 142°45'	✓	-9°20'	1.50
3707	1.573 1.427	R 152°45'	✓	-11°15'	"
3705	1.553 1.447	R 145°50'	✓	-10°10'	"
3704	0.558 0.442	R 130°40'	✓	-17°10'	0.50
3696	1.075 0.925	R 167°50'	✓	-12°50'	1.00
3697	1.565 1.435	R 172°30'	✓	-9°50'	1.50
3695	1.25 1.15	R 175°0'	✓	-13°25'	1.20
3694	1.245 1.152	R 171°35'	✓	-16°15'	1.20
3699	1.575 1.425	L 140°50'	✓	-9°10'	1.50
3698	1.576 1.424	L 137°35'	✓	-9°40'	1.50
3702	1.582 1.418	L 148°25'	"	-8°30'	"
3703	1.592 1.408	L 147°14'	"	-9°50'	"
Notes Δ 3701	JUN 10 th	0°0' on 3700	M.H.I. = 1.42		
Δ 3700	1.176 0.824	0°0'	N 1°0' W 76' 40'		1.00
Δ 3720	1.083 0.817	R 152°27'	528°30' E -5°25'		0.91

Cont on 130

3716	1.47 1.33	L 25° 0'	✓	+2° 15'	1.40
3715	1.405 1.295	L 35° 0'	✓	+3° 0'	"
3714	1.497 1.303	L 14° 15'	✓	+4° 35'	"
3717	1.465 1.335	R 9° 40'	✓	+4° 0'	"
3718	1.565	R 65° 30'	✓	✓	✓
3719	1.521	R 4° 0'	✓	✓	✓
3737	1.429 1.371	L 68° 20'	✓	-3° 0'	1.40
3738	1.338 1.462	L 61° 0'	✓	-1° 0'	"
3722	1.449 1.357	L 98° 30'	✓	-5° 0'	1.40
3721	1.4315 1.3685	?	✓	?	?
DATA 3720		0° 0' m 3701		M-H = 1.33	
Δ 3701	1.5315 1.2685	0° 0'	N 28° 30' W	+4° 35'	1.40
Δ 3735	1.66 1.14	L 146° 2'	S 5° 25' W	-5° 8'	"
3725	1.505 1.295	L 22° 30'	✓	-0° 35'	"
3723	1.42 1.16	L 34° 25'	✓	+0° 22'	1.30
3724	1.571 1.29	L 25° 15'	✓	+0° 15'	1.40
3726	0.60 0.40	L 41° 30'	✓	-6° 10'	0.50
3736	1.442 1.358	L 72° 0'	✓	-18° 15'	1.40
3727	1.433 1.367	L 15° 30'	✓	-12° 40'	"
3727-B	1.50	0° 0'	✓	✓	✓
3733	1.435 1.365	R 155° N'	✓	0° 0'	1.40
3732-A	1.447 1.353	R 141° 30'	✓	-3° 0'	"
3731	1.438 1.362	R 123° 30'	✓	0° 0'	"
3732	1.06 0.94	R 127° 0'	✓	+4° 0'	1.00
3730	1.062 0.938	R 100° 15'	✓	+4° 10'	1.00

3728	1.44 1.136	R 41°50'	✓	+3°50'	1.40
3729	1.432 1.1368	R 31°15'	✓	-3°20'	"
3734	1.90	∠ 89°0'	✓	✓	✓
At 3735		0°0' on 3720		M.H. = 1.33	
Δ 3720	1.61 1.092	0°0' N 5°30'E		+5°14'	1.35
3737	1.788 1.125	R 0°30'	✓	-0°50'	1.95
3738	0.875	∠ 1°15'	✓	+0°10'	1.00
3742	1.7625 1.4375	R 135°40'	✓	+8°20'	1.60
3743	1.488 1.212	R 144°50'	✓	+10°40'	1.35
3741	1.150 1.20	∠ 160°20'	✓	+10°40'	"
3740	1.447 1.253	∠ 166°55'	✓	+12°40'	"
3739	1.407 1.293	∠ 143°25'	✓	-4°35'	"
3747	1.478 1.222	∠ 105°00'	✓	+3°50'	"
3746	0.82 0.58	∠ 122°35'	✓	+3°45'	0.70
3744	1.455 1.245	∠ 115°45'	✓	+3°50'	1.35
3745	1.4415 1.2585	∠ 114°50'	✓	+1°0'	"
3748	1.477 1.222	∠ 97°45'	✓	+1°20'	"
At Δ 2760		0°0' on 2741		M.H. = 1.42	
Δ 2741	✓	0°0' N 69°25'W	✓	✓	✓
Δ 3750	1.436 1.324	R 149°25' N 88°16'E		+13°58'	1.40
3752	2.75	∠ 21°30'	✓	✓	✓
3751	5.70	∠ 159°30'	✓	✓	✓
3753	1.48 1.32	R 78°20'	✓	-0°58'	1.40
At Δ 3760		0°0' on 2760			1.45
Δ 2760	1.426 1.374	0°0' S 80°10'W		-13° ^{50'} 55'	1.45

Station	Reading	Angle	Check	Distance	Height
at 3700	1.68				
Δ 421	1.22	∠162°0'	✓	∠100'	1.45
3755	1.40	∠40°30'	✓	-7°35'	1.45
3756	1.67	∠111°20'	✓	-3°30'	1.60
3761	1.353	∠176°40'	✓	-2°50'	1.45
3759	± 4.40	∠108°0'	✓		
3760	± 3.50	∠106°0'	✓		
3718	± 2.60	∠240°45'	✓		
3757	± 3.25	∠18°30'	✓		
3762	1.38	R139°45'	✓	-1°45'	1.45

Station	Reading	Angle	Distance	Height	
at AC	1.315	0°0'	DA	M.H.I. = 1.315	
Δ A	1.176	∠0°0'	S28°20'W	+4°15'	1.32
Δ 3765	1.179	∠97°57'	S69°30'E	-1°35'	1.32
Δ 88	1.059	∠107°5'	S78°30'E	-2°0'	1.32
Δ 3764	t	∠97°57'	S69°30'E	0°0'	1.396

Station	Reading	Angle	Check	Distance	Height
at Δ C		0°0' on 3765	SAME SET UP		
3765	✓	∠0°0'	✓		
6	✓	∠70°25'	✓	+25°30'	1.70
7	✓	∠73°0'	✓	+25°30'	1.32
8	✓	∠71°30'	✓	+25°55'	1.32
9	✓	∠67°18'	✓	+25°10'	1.32
10	✓	∠75°22'	✓	+24°24'	1.32
16	1.426	∠111°45'	✓	+8°35'	"
1	1.238	∠129°35'	✓	+8°8'	"
2	1.467	∠138°15'	✓	+5°25'	1.55

Cont. on Page 133

should be plotted distance

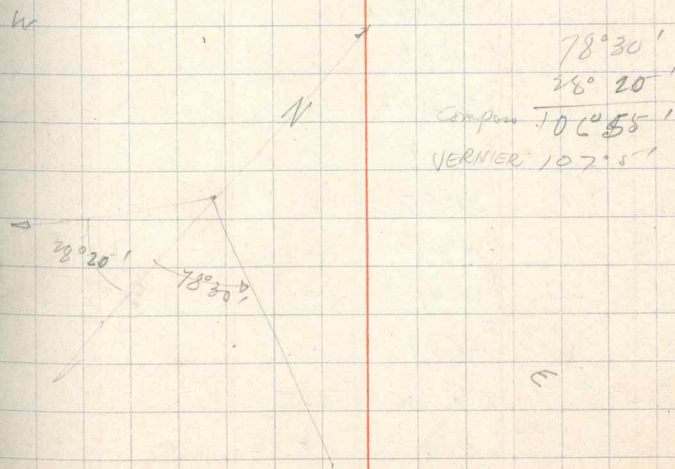
WITHIN 1.00 METER, USE

DIRECT LEVELING

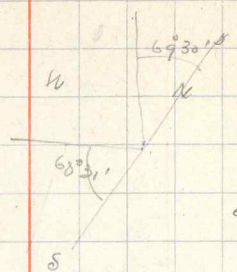
at Δ C	H.I. = 1.315
3765	= 2.046
3764	= 1.396

TAPE MEASUREMENTS

FROM Δ C TO Δ 3764	= 7.30
" Δ 3764 TO Δ 3765	= 18.977



At $\Delta 3765$		$0^{\circ}0'$ on AC	1932 S	N.H.15	1.26
$\Delta C.$	± 26.27	$0^{\circ}0'$	N69°30'W		✓
ΔA	$\begin{matrix} 0.723 \\ 0.277 \end{matrix}$	$\angle 41^{\circ}35'$	S68°31'W	+3°5'	0.50
A88	$\begin{matrix} 1.431 \\ 1.169 \end{matrix}$	R161°55'	S87°25'E	-2°8'	1.30
6	✓	R60°6'	✓	+25°20'	1.85
7	✓	R58°8'	✓	+24°24'	1.10
8	✓	R57°0'	✓	+24°24'	1.32
9	✓	R53°50'	✓	+23°40'	1.26
10	✓	R48°45'	✓	+20°35'	1.26
5.	$\begin{matrix} 1.367 \\ 1.1208 \end{matrix}$	R94°0'	✓	+12°10'	1.30
3	± 7.90	R110°15'	✓		
4	± 7.10	R128°30'	✓		
17	✓	R62°18'	✓		
18	✓	R58°10'	✓		
21	✓	R61°55'	✓		
20	✓	R57°61'	✓		
13	✓	R58°45'	✓		
12	✓	R49°6'	✓		
14	✓	R51°55'	✓		
11	✓	R46°46'	✓		
15	✓	R60°45'	✓		
19	✓	R57°27'	✓		
At $\Delta 3764$		$0^{\circ}0'$ on 3765			
$\Delta 3765$	✓	$0^{\circ}0'$	✓	✓	✓
21		$\angle 49^{\circ}40'$			



8960	8960
6835	69°30'
21.25	<hr/>
2030	2030
4155	

20	✓	55°18'	✓
14	✓	64°43'	✓
15	✓	57°19'	✓
11	✓	60°25'	✓
12	✓	56°55'	✓
19	✓	53°50'	✓
13	✓	45°50'	✓
18	✓	57°40'	✓
17	✓	53°5'	✓

DIRECT LEVEL READING

START READING AT

at (18)

VERT ANG = 0°0'

(17)

0.6385 below telescope

(15)

1.452

(12)

3.1985

(13)

3.693

(19)

3.311

START

READING AT

(19)

1.197

below telescope

(13)

1.587

(3)

2.41

(4)

3.841

(C)

3.174

3764

3.277

