

003847

SILVER CUP PROPERTY FILE

82KNW027

Sheet 1

Mon. July 23/56

Plane table set up in front of #3 Portal ^{at Δ1} and oriented by backsighting

of cross cut

apeq was driven on this L 293' from intersection of #3 x-c with #5+6 drift

Δ1 is 12.9 ft. from this peg.

K LT

Rod Ian Faulks

Geology - Hans Trettin

AT	TO	R.I.	V.L.	H.I.	H.P.	H.D.	V.D.	Δ Elev	Elev.	
Δ1	Compass N							55.3 by taping	6741.	Δ2 is between rail sills for old dump assumed rail elev.
Δ1	Δ2	0.56	-2°30'	4.3	3.3	56	-2.45	-1.45 -0.5	6742.4	Δ1 3-3.16 @ 3.3
Δ2	Δ1	✓	+0°36'	4.2	3.28	✓				
Δ2	Δ3	4.10	-13°37'	✓	4.0	385	-93.7	-93.5	6648.9	Δ3 2-6.1 @ 4 — plotted shot
Δ3	Δ2	4.0 +	+13°54'	4.4	7.0	376	+92.9	+90.3		(7-9.02) against the sun
Δ3	Portal	0.52	+0°27'	✓	3.3	52.				3-3.52 @ 3.3
Δ3	Barbara			278.8						from # 4 x-c intersection to portal + 51.5 portal to Δ3
Δ3	Caribou	-	+6°39'							
Δ3	Δ4	1.85	-6°27'	4.4	4	182	-20.7	-20.3	6628.6	Δ4 3.15-5 @ 4 against sun
Δ4	Δ3	1.83-	+6°18'	4.0	✓	181-	+20.	+20.		3.174 5 @ 4
Δ4	Δ5	1.78	-18°46'	✓	9	160	-54.1	-59.1		2-9.78 @ 9
Δ5	Δ4	1.79	+17°39' ✓	4.0	4	162	+51.7	+51.7	6576.9	Δ5 3.21-5 @ 4

SILVER CUP.

sheet >

AT	To	RI	V.L.	H.I.	H.P.	H.D.	V.D.	Δ Elev.	Elev	
Δ5	Δ4	1.8	+17°33'	4.0	4.0	163 ¹⁶² <small>on 163.1</small>	+57.4	+57.4		check shot
✓	Δ6	2.55	-8°56'	✓	8.	248	-39	-43	6533.9	Δ6 7-9.55 @ 8
Δ6	Δ5	2.55	+9°55'	4.5	5.0	247 1/2	+43.2	+42.7		3.45-6 @ 5
✓	Δ7	2.82	-9°30'	✓	8.0	275	-46.9	-50.4	6483.5	Δ7 (8-9.4) @ 8
Δ7	Δ6	2.82	+10°08'	4.7	4.5	274	+49.	+49.2		5.18-6 @ 4.5
✓	Δ8	2.20	-10°22'	✓	5	212 1/2	-39	-39.3	6444.2	Δ8 3.80-6 @ 5
Δ8	Δ7	2.20	+10°42'	4.2	5	212	+40	+39.2		✓
✓	Δ9	2.20	-8°42'	✓	8	213	-33	-36.8	6407.4	Δ9 7-9.20 @ 8
Δ9	Δ8	2.20	+10°23'	4.5	8	212	+39.6	+36.1		✓
✓	02	2.91	-21°05'	✓	3	252	-98	-96.5	6310.9	02 1-3.91 @ 3
✓	Antenn	(see sheet 12)								02 near #7 Portal
Δ3	Δ4								Δ3 - 6648.9	Tues July 24/78 shot to orient table
✓	G1	0.90	+10°58'	4.1	3.5	869	+16.8	+17.4	6666.3	G1 3-3.90 @ 3.5
✓	G2	0.70	+11°48'	✓	✓	67 1/2	+14.1	+14.7	6663.6	G2 3-3.70 @ 3.5
-	G3	0.54	+9°02'	✓	3.3	52.6	+8.4	+9.2	6658.1	G3 3-3.54 @ 3.3
✓	G4	0.78	+15°39'	✓	3.5	72.2	+20.2	+20.8	6669.7	G4 3-3.78 @ 3.5
Δ2	Δ3	4.05	-13°18'	4.2	6	382	-90.	-91.8		3.95-8 @ 6 - shot to orient table

et sheet 1

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Sheet 3

AT	TO	R.I.	V.L.	H.I.	H.P.	H.D.	V.D.	Δ Elev.	Elev.	
$\Delta 2$	G10	1.30	+19°36'	4.2	4.5	115+	+41.0	+40.7	6781.7	from sheet 1
✓	G5	0.94	+10°51'	✓	3.5	91	+17.4	+18.1	6759.1	1.7-5 1.3 @ 4.5
✓	G6	1.21	+11°19'	✓	3.0	116 1/2	+23.2	+24.4	6765.4	2-3.2 @ 3
✓	G7	1.44	+11°21'	✓	4.5	138	+27.8	+27.5	6768.5	3.56-5 @ 4.5
✓	G8	2.02	+9°44'	✓	8.0	196	+33.5	+27.7	6768.7	7-9.2 @ 8
✓	G9	1.76	+9°05'	✓	3.0	172	+27.4	+28.6	6749.6	2-3.76 @ 2
✓	$\Delta 10$	2.40	+8°55'	✓	8.0	234	+36.6	+32.8	6773.8	$\Delta 10$ 7-9.4 @ 8
✓	G11	1.46	+23°39'	✓	4.5	122.5	+53.1	+52.8	6793.8	3.54-5 @ 4 1/2
✓	G14	1.98	+24°50'	✓	3.0	163	+75	+76.2	6817.2	G14 2-3.98 @ 2
✓	G12	2.10	+25°10'	✓	8.05	172	+41	+77.2	6818.2	G12 7-9.1
✓	G13	2.30	+29°(58')	✓	8.3	173	+99	+94.9	6835.9	G13 7-9.6 @ 8.3
✓	G15	0.82	-5°35'	✓	3.4	81	-7.9	-7.1	6733.9	G15 3-3.82 @ 3.4
✓	G16	0.97	-3°58'	✓	3.5	96.9	-6.7	-6.0	6735	G16 3-3.97 @ 3.5
✓	G17	0.96	-10°34'	✓	6.5	93	-17.5	-19.8	6721.2	G17 4.8 @ 6.5
✓	G18	2.4	+10°26'	✓	8.	231	+42.5	+38.7	6779.7	G18 1.2 @ 8
✓	G25	2.30	+12°19'	✓	8	218	+47.9	+44.1	6785.1	G25 7-9.3 @ 8

SILVER CUP

Sheet 4

AT	To	R.I.	V.L.	H.I.	HP	H.D.	V.D.	Δ Elev.	Elev.		
Δ2	G22	3.18	+18°02'	4.2	8	287	+93.2	+89.6	6741	Δ2	6741
✓	G23	3.50	+18°54'	✓	8	314	+107	+103.2	6830.6	G22	6-9-18 @ 8
✓	G24	4.14	+22°18'	✓	8	353	+144	+140.2	6844.2	G23	6-9-50 @ 8
✓	G21	2.68	+15°06'	✓	3	250	+68	+69.2	6881.2	G24	5-9-14 @ 8
✓	G20	2.26	+12°27'	✓	2	215	+47.2	+49.4	6810.2	G21	1-3-22 @ 8
✓	G19	1.65	+7°47'	✓	3	162	+22.1	+23.3	6790.4	G20	1-3-26 @ 8
Δ10	Δ2	2.41	-8°27'	4.1	2.2	236 ⁽¹⁰⁷³⁴⁾	-35	-33.1 ^(1032.9)	6764.3	G19	2-3-62 @ 3
✓	Barbara	-	+8°08'	✓							shot to orient table
✓	Caribou	-	+5°24'	✓							
✓	G26	0.27	+46°01'	✓	3.2	27	+1.9	+2.8	6773.8	Δ10	from sheet 3
✓	G27	1.70	+8°05'	✓	9	166	+23.6	+18.7	6776.6	G26	3-3-27 @ 3.2
✓	G28	2.05	+9°42'	✓	5	200	+34.0	+33.1	6792.5	G27	8-9-7-9
✓	G29	1.70	+12°19'	✓	8	162	+35.3	+31.4	6806.9	G28	32-6 @ 5
✓	G30	2.98	+16°02'	✓	8	276	+79.2	+75.3	6805.2	G29	8-9-7 @ 8 (Station 29 is 3.4' to Right of 29 Right as seen from instrument at Δ10)
✓	G31	3.10	+19°12'	✓	8	275	+96	+92.1	6849.1	G30	8-9-49 @ 8
✓	G32	2.004	+16°26'	✓	5	184	+54	+53.1	6865.9	G31	8-9-35 @ 8
✓	G35	2.08	+21°09'	✓	8	180.5	+70	+66.1	6826.9	G32	277 4-6 @ 5
✓	G34	1.83	+18°15'	✓	3	164.5	+54.1	+55.2	6839.9	G35	7-9-02 @ 8 shot 3' to Rt. of G35
									6829.8	G34	2-3-83 @ 3

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Sheet 5

AT	TO	R.I	V.L	HI	HP.	H.D.	V.D	Δ Elev.	Elev.	
Δ10	G33	1.60	+6°11'	4.2	3	147	+42.5	+43.7	Δ10 6773.8 6817.5	from sheet 3 G33 2-3.6 @ 3
✓	G36	1.74	+24°38'	✓	3	144	+65.8	+67.0	6840.8	G36 2-3.74 @ 3 Wed July 25/56
✓	G37	0.95	+23°46'	✓	3.5	79.5	+35	+35.7	6809.5	G37 3-3.98 @ 3.5
✓	G38	2.03	+28°10'	✓	8	157	+84.4	+80.6	6854.4	G38 7-9.03 @ 8
✓	Δ11	2.20	+26°31'	✓	8.4	176	+87.8	+83.9	6857.7	Δ11 7-9.2 @ 8.1
✓	G43	3.30	+28°18'	✓	8.	254	+137.5	+133.7	6907.5	G43 8-9.45 @ 8
Δ11	Δ10	2.20+	-25°21'	4.5	4.9	179	-85	-85.4		shot 4 3.8- to 6 @ 4.9 orient table
✓	G50	0.55	+9°50'	✓	3.3	50.8	+9.7	+10.9	6868.6	G50 3-3.35 @ 3.3
✓	G39	1.42	+12°10'	✓	8.7	135	+29	+24.8	6882.5	G39 6-9.4 @ 8.7
✓	G44	1.92	+12°15'	✓	3	182.5	+39.5	+41.	6898.7	G44 2-5.9 @ 3
✓	Δ12	2.90	+12°08'	✓	2	276	+59.5	+62	6919.7	Δ12 6-3.19 @ 2.9 6-3.19 @ 2.9 1.05 -2.45 @ 2
✓	G51	3.46	+17°54'	✓	8	312	+100	+96.5	6954.2	G51 6-9.46 @ 8
Δ12	Δ11	2.90	-11°42'	4.0	9	279	-57.7	-62.7		shot to orient table 7-9.9 @ 9
✓	G40	1.60	-10°15'	✓	2.8	154.5	-28.2	-27.0	6892.7	G40 2-3.6 @ 2.8
✓	G42	1.77	-2°08'	✓	3	176	-12.7	-11.7	6908.0	G42 2-3.77 @ 1.3
✓	G41	1.25	+0°18'	✓	5	125	+0.65+	-0.3	6919.4	G41 3.75-5 @ 1.5
✓	Δ13	2.35	+4°32'	✓	5	235	+18.7	+17.7	6937.4	Δ13 3.65-6 @ 2.5
		3.35				334	+26.3	+25.3	6945.0	Δ13 3.65-6 @ 2.5 see sheet 6

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Sheet 6

AT	TO	R.I.	V.L.	H.I.	H.P.	H.D.	V.D.	Δ Elev.	Elev	
Δ12	G45	0.625	-14°22'	4.0	3.3	58.6	-15.	-14.3	Δ12 6919.7	from sheet 5
✓	G46	1.22	-16°51'	✓	4.5	112.	-33.8	-34.3	6905.4	G45 3-3.625 @ 3.3
✓	G47	1.23	-15°36'	✓	9	114	-32.	-37.	6885.4	G46 3.78-5 @ 4.5
✓	G48	1.30	-12°00'	✓	6	124	-26.2	-28.2	6882.7	G47 8-9.28 / 9
✓	G49	0.79	+14°30'	✓	3.4	74	+19.2	+19.8	6891.5	G48 5.5-6.8-6
✓	Δ14	1.74	+17°10'	✓	3	159	+48.6	+49.6	6939.5	G49 3-3.78 @ 3.0
Δ14	Δ12	1.75	-17°32'	3.7	4	159	-50.1	-50.4	6969.3	Δ14 0-3.74 / 3
✓	G52	1.10	+2°36'	✓	9	110	+5.0	-0.3	6969	3.78-5 @ 4
✓	G53	1.30	+20°51'	✓	4.5	114	+43	+42.2	7011.5	G52 8-9.1 / 9 at add
✓	G54	0.85	+25°13'	✓	9.5	69.3	+32.6	+26.8	6996.1	G53 3.7-5 @ 4.5
										G54 9.1-9.95 @ 9.5
Δ13	Δ12	^{3.38 to} 3.40 (-)	-3°11'	4.2	7.7	^{337.4} 339 (-)	-18	-21.5		
✓	✓	3.35	-11°14 1/2'	✓	5	334	-24.5	-25.3	Δ13 6945.0	see sheet 5 (corrected value)
✓	G55	0.89+	-5°17'	✓	3.5	89	-8.2	-7.5	6937.5	G55 3-3.89+ @ 3.5
✓	G56	1.52	+15°10'	✓	3	141	+38.2	+39.4	6984.4	G56 2-3.52 / 3
✓	G60	3.62	+17°46'	✓	5	330 (-)	+105	+103.7	7048.7	G60 3.38-7-5
✓	G61	4.80	+2°24'	✓	7	416	+162.5	+159.7	7114.7	G61 5-9.8-7

Thur. July 26/56

to orient

(6-9.4(-) @ 77 table

2.61-7.15 ^{2.61} check

3-3.89+ @ 3.5 ^{3.35} shot

^{1.62} 3.38
^{2.04} 1.81
^{5.79}

SILVER CUP

Sheet 7

should be 12°58' see check shot at bottom of sheet and shot 3 lines below this

AT	TO	R.I	V.L	H.I	HP	H.D	V.D	Δ Elev	Elev.	
Δ13	Δ15	3.00	+19°58'	4.2	4.5	265	+96.9	+96.6	6945.0	from sheet 5 (corrected value)
✓	G57	2.00	+16°05'	✓	2	185	+53.2	+55.4	7041.6	Δ15 3.00 - 6 @ 4.5 see corrected value below
Δ15	Δ13	3.00	-19°05'	4.1	3.5	267	-93	-92.4	7000.4	G57 1.00 - 3.00 @ 2
✓	G58	1.33	+17°22'	✓	4.5	121.5	+37.9	+37.5	7079.1	2.5 @ 2.0 shot to orient table
✓	G64	2.92	+17°23'	✓	4.5	267	+83	+82.6	7124.2	G58 3.47 - 5 @ 4.5
✓	G63	2.52	+15°31'	✓	4.5	234	+65.3	+59.9	7101.5	G64 3.08 - 6 @ 4.5
✓	G62	2.57	+15°37'	✓	4.5	238	+66.7	+66.3	7107.9	G63 3.43 - 6 @ 4.5
✓	G66	5.44	+17°43'	✓	7	492	+156	+153.9	7194.7	G62 3.43 - 6 @ 4.5
✓	G65	6.33	+19°55'	✓	6	560	+201	+199.1	7240.7	G66 4.5 - 9.94 @ 7
✓	G68	6.44	+21°43'	✓	6	559	+220	+218.1	7259.7	G65 3 - 9.33 @ 6
✓	G69	6.50	+24°24'	✓	6	539	+243	+241.1	7282.7	G68 3 - 9.44 @ 6
✓	G70	6.64	+28°(28')	✓	6	511	+278	+276.1	7317.7	G69 3 - 9.5 @ 6
✓	G67	5.14	+19°39'	✓	7	459	+163.5	+160.6	7202.2	G70 3 - 9.64 @ 6
✓	G59	0.63	+6°39'	✓	3.3	62	+7.2	+8.0	7049.6	G67 4.9 - 10.7 @ 7 (4.5)
✓	G71	4.71	+23°16'	✓	7	397 1/2	+173	+170.1	7211.7	G59 3 - 2.63 @ 3.3
Δ15	Δ13	3.00	-18°52'	4.1	4.5	269	-91.9	-92.3	7037.3	G71 4.5 - 9.24 @ 7
✓	Δ13									Fri July 27/56

reduce these elevations 4.3 ft

Shot to orient table 3-6 @ 4.5 - check shot Δ15 - corrected

average distance from a boat

027 32
028 — 1000 26 26

to 1-14-18

SILVER CUP

Sheet 8

AT	TO	R.I.	V.L.	H.L.	H.P.	H.D.	V.D.	Δ Elev	Elev.		
Δ15	Caribou	-	+3°04'	4.1					Δ15	7041.6 7037.3	From sheet 7 " " " - corrected value
✓	Barbara			✓							
✓	Nellie L		+2°21'	✓							
✓	G78	4.84	+19°05'	✓	7	430	+149.5	+146.6	7183.9	G78	5-9.24 ✓
✓	G77	6.70	+25°49'	✓	6	545	+260	+258.1	7295.4	G77	3-9.7-6
✓	G72	8.87	+29°06'	✓	5	671	+377	+376.1	7413.4	G72	1-9.87 ✓
✓	G76	12.46	+30°16'	✓	3	925	+540	+541.1	7578.4	G76	3.-9.2) 2 @ 3 6.2002
✓	Δ19	13.50	+30°46'	✓	3+1	998	+593	+593.1	7630.4	Δ19	3-9.75) 2 @ 3 24-9
✓	G75	11.80	+32°32'	✓	4	840	+533	+533.1	7570.4	G75	4-9.9) 2 @ 4 590
✓	G73	10.24	+32(28)	✓	4	730	+465	+465.1	7502.4	G73	4-9.16) 2 @ 4
✓	G74	10.80	+33°41'	✓	4	749	+498	+498.1	7535.4	G74	(4-9.4) 2 @ 4
✓	Δ16	4.48	-14°54'	✓	6	418	-110	-111.9			3.52-8 @ 6
Δ16	Δ15	4.46	+15°21'	✓	6	410	+113	+111.3	6925.7	Δ16	3.60-8-6
✓	G80	1.36	+13°21'	✓	9	128	-30.7	-35.4	6890.3	G80	8-9.31 ✓
✓	G81	3.03	-14°55'	✓	8	282	-75	-78.7	6847.0	G81	6-9.03 ✓
✓	G86	4.46	-13°48'	✓	7	414	-102	-104.7	6821.0	G86	5-9.4 ✓
✓	Δ17	3.97 4.00	-16°16'	✓	5	367	-106.5 -107	-107.2 -107.7	6818.5 6818.0	Δ17	3-7 @ 5 3.03-7 = 3.97
✓	G79	0.54	-16°06'	✓	3.3	49.7	-14.5	-13.5	6912.2	G79	3-2.34 - 2.3

Δ14

111.6 @ 5

Station as length of shot

2416 $\begin{array}{r} 890 \\ 900.0 \\ \hline 9864 \end{array}$

410

Point 28 from $\Delta 10$

$\Delta 10-11$	$177\frac{1}{2}$	
11-12	$277\frac{1}{2}$	#55
12-13	334	789
13-14		
13-15	268	1057
15-16	414	1471
16-17	$\frac{364\frac{1}{2}}{202}$	1836
17-18	250	2086
18-23	130	2216
028- $\Delta 10$	200	2416
	i	
	+2	

9' in 2416
cross error

CORRECTED ELEVATIONS FROM A17-

Sheet 9A

6818.5	A17
6834.2	G87
6871.0	G88
6882.9	G89
6814.2	G85
6816.5	G82
<hr/>	
6807.6	G83
6797.3	A18
6781.3	G84
6803.8	G28
6816.3	G82-A20
A10	6773.8
G28	6806.9
A18	6800.1
	<u>6797.3</u>

2.8 - DIFFERENCE IN ELEV. AT CLOS.

AT	TO	R.I	V.L	H.I	SILVER H.P	CUP H.D	V.D	Δ Elev	Elev		
Δ17	Δ16	3.96	+16°30'	4.0	5	362	+107.5	+106.5	6817.5 6815.5	from sheet 8	
✓	G87	1.63	+5°33	✓	4	160 1/2	+15.7	+15.7	6833.2	G87	3.04-7 05
✓	G88	2.76	+12°22	✓	9	262	+57.5	+52.5	6870.0	G88	7-9.28-9
✓	G89	3.11	+13°17'	✓	8	293	+69.3	+65.3	6882.8	G89	6-9.11-8
✓	G85	0.67	+0°50'	✓	9.3	67	+1.	-4.3	6813.2	G85	9-9.67-93
✓	G82	0.60	-2°36'	✓	3.3	60	-2.7	-2.0	6815.5	G82	5-3.3-36
✓	G83	1.03	-3°15'	✓	9	103	-5.9	-10.9	6806.6	G83	9-9.03-9
✓	Δ18	2.50	-4°39'	✓	5	250	-20.2	-21.2	6796.3	Δ18	3.5-6-5
Δ18	Δ17	2.51	+5°52'	3.5	8	250	+25.6	+21.1			7-9.5-18
✓	G84	0.33	-17°07	✓	9.2	29.9	-9.3	-16.	6780.3	G84	8-9.31-19
✓	G28	1.31	+5°19'	✓	9	130	+12	+6.5	6802.8	G28	
<p>Timing closure error at G28 = 9 ft. in 2416' ^{long distance} down</p> <p>4.1 difference in elev.</p> <p>previous elev. 6806.9</p> <p>Sat July 28/56</p> <p>4.5.7 shot to orient table</p>										CLOSURE	
Δ18	Δ17	2.50	+5°21'	3.5	5.75	249	+23.2	+20.7			
✓	G82=Δ20	1.90	+5°39'	✓	3	188	+18.5	+19.	6815.3	G82-Δ20	2-3.9-3
G28	Δ10	2.05	-9°12'	4.1	5	200	-32.2	-33.1	Δ10 6773.8 } see sheet 4 G28 6806.9 }		3.94-6-15 to orient table
✓	Δ18	1.30	-1°43'	✓	7	130	-3.9	-6.8	Δ18 6806.1 6796.3		67-6-17
<p>— 3.8 — difference in elev. at closure</p>											

Corrected Elevations from A17

Sheet 10A

6816.3 A20

6693.2 A21

6730.0 G90

6690.8 G91

6688.3 A22

6658.2 A26

6710.0 G92

6683.9 G93

6683.5 G94

6680.6 G95

6673.5 X

6669.8 G96

6661.8 A23

6677.7 A24

Δ21 - Δ3 possible closure

SILVER CUP

sheet 10.

AT	To	RI	VZ	HI	HP	H.D.	V.D.	Δ Elev.	Elev.	
Δ20	Δ18			41					6815.3	from sheet 9
✓	Δ21	2.87	-28°15'	✓	9	221	-119	-123.9		shot to orient table
Δ21	Δ20	2.93	+29°48'	4.4	8	221	+126	+122.4	6692.2	Δ21 7-9.83.8
✓	G90	1.01	+21°54'	✓	2.5	87.3	+34.9	+36.8	6729.0	G90 2-3.01 @ 2.15
✓	G91	0.84	+1°30'	✓	9.5	84	+2.7	-2.4	6689.8	G91 9-9.54.9.15
✓	Δ22	1.49	-0°08'	✓	9	149	^{1.36} -0.3	-4.9	6687.3	Δ22 8-9.49.9
✓	Δ26	1.56	-12°39'	✓	6	149 1/2	-33.4	-35.0	6657.2	Δ26 5-6.56.6
Δ22	Δ21	1.475	+2°13'	4.5	5 1/2	147 1/2	+5.7	+4.7		5-6.47.5
✓	G92	0.66	+19°03'	✓	3.3	59	+20.5	+21.7	6709.0	G92 3-3.66.3.2
✓	G93	0.335	+0°34'	✓	9.2	35	+0.38	-4.4	6682.9	G93 9-9.35 19.2
✓	G94	0.54	-0°08'	✓	9.3	54	—	-4.8	6682.5	G94 9-9.54 19.3
✓	G95	0.74	-7°35'	✓	3.5	73	-9.7	-8.7	6679.6	G95 3-3.74 13.5
✓	X	1.325	-4°27'	✓	9	132	-10.3	-14.8	6672.5	X 8-9.32.5 19
✓	G96	1.575	-5°09'	✓	9	157	-14	-18.5	6668.8	G96 8-9.57.5 19
✓	Δ23	2.17	-6°56'	✓	5	214	-26	-26.5	6660.8	Δ23 4-6.17.5
Δ23	Δ22	2.17	+7°13'	41	5	213	+27	+26.1		3-8.3-6.25
✓	Δ24	1.20	+10°04'	✓	9	117-	+20.8	+15.9	6676.7	Δ24 9-9.60.2 29
✓	Caribou	—	+6°28'							

6.9.8.

Corrected Elev. from Δ17

Sheet 11A

6677.7 Δ24

6658.5 Δ96

6658.2 Δ26

6624.9 Δ25

6568.7 Δ27

6547.6 Δ28

6498.1 Δ29

6485.6 Δ77

6464.2 Δ30

6407.1 Δ3

Δ9 6407.4

Δ3 6409.7

— Δ3 from Δ20

— Δ3 from Δ9

2.6 Difference in Elev. Closure.

SILVER CUP

Sheet 11

AT	TO	RI	VL	HI	HP	HD	VD	ΔE_{kv}	Elev	
$\Delta 24$	$\Delta 23$	1.18	-5°19'	4.0	9	117	-11	-16	$\Delta 24$ 6676.7	from sheet 10
✓	696	0.45	+13°03'	✓	3.2	42.8	+10	+10.8	6687.5	696 2-3.45 - 3.2
$\Delta 26$	$\Delta 21$	1.59	+14°34'	4.1	8	149	+38.8	+34.9	$\Delta 26$ 6657.2	from sheet 10
✓	$\Delta 25$	1.17	-16°35'	✓	5.5	107	-31.9	-33.3	6623.9	$\Delta 25$ 5-6.17 - 5.5
$\Delta 25$	$\Delta 26$	1.19	+18°34'	4.3	7	107	+36	+33.3		
✓	$\Delta 27$	1.94	-17°53'	✓	5	175 $\frac{1}{2}$	-56.2	-56.9		1972 4.06-6
$\Delta 27$	$\Delta 28$	1.92	+18°00'	4.2	4	174	+56	+56.2	6567.7	$\Delta 27$ 3.08.5-4
✓	$\Delta 28$	0.97	-12°49'	✓	3.5	92.4	-21	-20.3	6546.6	$\Delta 28$ 3-3.97 - 3.5
$\Delta 28$	$\Delta 27$	1.00	+16°16'	4.6	8.5	92	+26.8	+22.9		8-9 @ 8.5
✓	$\Delta 29$	1.83	-14°56'	✓	9	171	-45.1	-49.5	6497.1	$\Delta 29$ 8-9.83 / 9
$\Delta 29$	$\Delta 28$	1.87	+17°09'	4.2	7	170	+52	+49.2		6.13-8 \ 7
✓	697	0.55	-7°45'	✓	9.3	54	-7.4	-12.5	6484.6	697 9-9.55 - 9.3
✓	$\Delta 30$	1.30	-13°24'	✓	9	122 $\frac{1}{2}$	-29.1	-33.9	6450.7 6463.2	$\Delta 30$ 8-9.30 - 9
$\Delta 30$	$\Delta 29$	1.325	+16°45'	4.2	7	122 $\frac{1}{2}$	+36.5	+33.7		6.45-8.17
✓	03	1.73	-21°08'	✓	3	150	-58.3	-57.1	6406.1	03 2-3.73 / 3
$\Delta 9$	$\Delta 8$	2.25	+9°49'		5				6407.4	from sheet 12
✓	03	1.00	+0°44'	4.5	3.5	100	+13	+2.3	6409.7	03 3.75-6.15 - See sheet 2
CLOSURE ERROR						12 ft Horizontal			3.6	46 ft Vertical

SILVER CUP

Sheet 12

AT	TO	R.T	VL	HT	HP	HD	VD	Δ Elev	Elev	
A9	Caribou	-	+9°01'							
03	Δ30	1.73	+21°53'	3.5	7					6-27-8-7
✓	Δ9									
Δ4	Δ3			4.4					Δ4 6678.6 ^{from sheet 1}	Mon. July 30/56 shot to orient table
✓	T1	0.675	+8°23'	✓	3.5	66	+9.8	+8.9	6635.5	T1 2-2.675 @ 2.5' in trickle
✓	T2	1.44	+14°32'	✓	4.5	135	+3.5	+34.9	6663.5	T2 3.52-5 - 4.5'
✓	T3	1.03	+11°18'	✓	3	99	+20	+21.4	6650.0	T3 2-3.00 @ 3
✓	T4	1.65	+11°00'	✓	4	158	+30.9	+31.3	6659.9	T4 3.35-5 @ 4
✓	T5	1.00	-8°43'	✓	8.5	98 1/2	-15.1	-19.2	6609.4	T5 8-9 @ 2.5' T5= trail d
✓	T6	0.64	-7°08'	✓	9.3	63	-7.9	-12.8	6615.8	T6 in trickle
✓	T7	0.39	-8°20'	✓	6.2	38	-8.6	-10.4	6618.2	T7 in trickle
✓	T8	2.00	-5°14'	✓	8	198	-18.3	-21.9	6606.7	T8 2.00 @ 8
Δ5	Δ4			4.1					Δ5 6576.9 ^{from sheet 1}	shot to orient table
✓	T9	1.05	+23°50'	✓	8	88	+38.6	+34.7	6611.6	T9 8-9.05 @ 8 on dump
✓	T10	1.30	+27°11'	✓	4 1/2	102 1/2	+52.5	+52.1	6629.0	T10 on dump slope
✓	T11	1.12	+33°15'	✓	9	78	+51	+46.1	6626.0	" " "
✓	T12	1.50	+22°52'	✓	4 1/2	127	+53.2	+52.8	6629.7	" " "

SILVER CUP

sheet 13

AT	TO	R.F.	V.L.	HT	HP	HD	VD	ΔElev.	Elev.				
Δ5	T13	1.00	+14°38'	4.1	2.5	93.9	+24.5	26.1	6576.9	Δ5	6603.0	T13	T13 on dump slope
✓	T14	0.65	+8°51'	✓	3.3	63½	+9.9	+10.7	6587.6		6587.6	T14	T14 on trail E
✓	T15	0.71	-15°27'	✓	3.5	65.7	-18.2	-17.6	6559.3		6559.3	T15	T15 in trickle
Δ6	Δ5								6533.9	Δ6	6533.9	- from sheet 2 to orient table	
✓	T16	1.35	+12°10'	4.2	9	129	+27.8	+23.0	6556.9		6556.9	T16	T16 on trail E
✓	T17	0.72	+3°17'	✓	6.5	72	+4.1	+1.8	6535.7		6535.7	T17	
✓	T18	0.70	-16°37'	✓	9.5	64½	-19.3	-24.6	6509.3		6509.3	T18	
Δ7	Δ6								6483.5	Δ7	6483.5	from sheet 2 ✓ shot to orient table	
✓	G98	0.59	+8°13'	4.5	3.3	57½	+8.4	+9.6	6493.1		6493.1	G98	
✓	T19	1.13	+30°19'	✓	8	84½	+49.2	+45.7	6529.2		6529.2	T19	
✓	T20	0.79	+27°36'	✓	3½	62	+32.1	+33.1	6516.6		6516.6	T20	
Δ8	Δ7			3.6					6444.2	Δ8	6444.2	from sheet 2 shot to orient table	
✓	G99	1.26	+11°47'	✓	9	121	+25.1	+19.7	6463.9		6463.9	G99	8-9-26-9
✓	G100	0.35	+10°55'	✓	3.2	33.8	+6.5	+6.9	6451.1		6451.1	G100	
✓	T21	0.86	+8°29'	✓	3.5	84	+12.6	+12.7	6456.9		6456.9	T21	
✓	T22	1.675	-16°20'	✓	9	154	-45	-50.4	6393.8		6393.8	T22	
Δ9	Δ8								6407.4	Δ9	6407.4	from sheet 2 shot to orient table	
✓	G101	1.73	+11°04'	4.2	9	166	+32.8	+28.0	6435.4		6435.4	G101	

SILVER CUP

sheet 14

AT	TO	RI	VL	HI	HP	HD	VD	Δ Elev	Elev	
Δ9	G102	1.01	+13°03'	4.2	8	96	+22.3	+18.5	6407.4	6102
✓	G103	0.37	+9°31'	✓	3.2	36	+6	+7	6425.9	6103
✓	T23	1.17	+28°30'	✓	8	90	+48.8	+45.0	6414.4	T23
✓	T24	0.90	+12°33'	✓	3.5	86	+19	+19.7	6452.4	T24
03	Δ9								6427.1	
✓	G104	0.50	+25°06'	4.2	9.3	41	+19.5	+14.7	6409.7	G104
✓	G105	0.595	+17°53'	✓	3.3	54	+17.3	+18.2	6424.4	G105
✓	G106	0.97	+22°05'	✓	3.5	83	+33.7	+34.4	6427.9	G106
✓	T25	1.40	+37°15'	✓	9	88.8	+67.2	+62.4	6444.1	T25
✓	T26	0.42	-6°28'	✓	3.2	41.5	-4.7	-3.7	6472.1	T26
✓	T27	0.54	-24°54'	✓	3.3	44.4	-20.5	-19.6	6406.0	T26
✓	T28	0.78	-18°15'	✓	9.5	70.1	-23.1	-28.4	6390.1	T27
02	Δ9	2.90	+20°57'	4.3	5.5	253	+96	+94.8	6381.3	T27
✓	G107	1.92	+30°(25')	✓	4	142½	+84	+84.3	6310.9	G107
✓	04	0.56	+9°19'	✓	3.3	54½	+8.9	+9.9	6395.2	04
✓	T29	0.525	+7°22'	✓	9.3	51½	+6.7	+1.7	6320.8	T29
✓	T30	1.06	±0°36'	✓	4.5	106	+1.1	+0.9	6312.6	T30
									6311.8	

Tues July 31/56

03 6409.7 ^{from sheet 11} (elev. via Δ9) shot to orient table

G104 at breakthrough to str. (top of steps)

T26 on dump

T27 on path crossing dump

T28 ✓ ✓ ✓ ✓

02 6310.9 ^{from sheet 2} shot to orient table

3.08-5-4 15' bluff behind G107

04 is on top of partial timber

AT	TO	R.I	V.L.	HI	HP	HD	VD	Δ Elev	Elev		
02	T31	1.33	+27.14	4.3	9	105	+54	+49.3	6310.9	02	T31 is on trail
✓	T32	1.30	+15.29'	✓	9	120 1/2	+33.8	+29.1	6360.2	T32	T32 is at base of 15' bluff 6' HD uphill from trail
✓	Δ31	2.325	+3.04'	✓	4.5	732	+12.3	+12.1	6340.0	Δ31	Δ31 is at side of trail
				BEGINNING	NEW	SHEET	(SHEET No. 2)				
							sheet 2-252	av. plotted			
							sheet 14-253				
02	Δ9								6310.9	02	02-49 shot to orient table
✓	Δ31	2.325	+2°30'	4.3	2	232	+10.75	+12.54	6323.4	Δ31	
Δ31	02	2.33-	-2°06'	4.2	8						
✓	G114	1.00	+1°57'	✓	2.5	100	+3.4	+5.1	6328.5	G114	
✓	G113	0.34	+0°53'	✓	3.2	34	+0.8	+1.8	6325.2	G113	
✓	G112	0.60	-1°46'	✓	9.5	60	-1.85	-7.1	6316.3	G112	
✓	G110	1.06	-2°17'	✓	8	106	-4.2	-7.	6316.4	G110	at caved portal of old adit
✓	Δ32	1.62	-0°39'	✓	6	162	-1.8	-3.6	6319.8	Δ32	✓ ✓ ✓ ✓ ✓
G112	Δ31			4.25							
✓	G111	1.05	+36°29'	✓	8	68	+56	+46.2	6362.5	G111	at workings above adit
Δ32	Δ31	1.60	+1°53'	4.25	6	160	+5.3	+3.5			
✓	G109	1.60+	+6°31'	✓	3	158	+18.3	+19.5	6339.3	G109	
✓	G108	1.92	+7°47'	✓	9	189	+75.7	+20.9	6340.7	G108	

SILVER CUP

sheet 16

AT	TO	RI	V.L	HI	H.D	H.D.	V.D	Δ Elev	Elev.
A32	Caribou	-	+9°41'	4.2	-				
Or	Δ9								Or 6310.9 - from sheet 2
✓	Δ33	2.03	+0°01'	4.4	2	203	-	+2.2	Δ33 - 6313.1
✓	G115	0.74	+0°49'	✓	3.5	74	+1.1	+2.0	6312.9 G115
✓	G116	0.87	+0°35'	✓	✓	87	+0.9	+1.8	6312.7 G116
	START ON				THIRD	SHEET			
Δ33	Δ2	2.00	-0°29'	4.2	5	200	-1.7	-2.5	Δ33 6313.4
✓	✓	2.01	+0°23'	✓	8	av. 200 1/4 201	+1.24'	-2.6	
✓	Δ34	3.80	-3°16'	✓	2	380	-21.8	-24.0	6289.4 Δ34
Δ34	Δ33	3.90	+		5		+21.4	+23.4	
✓	Δ33	3.86	+3°11'	3.4	5	386	+21.4	+23	
✓	T33	3.21	+2°18'	✓	5	371	+13	+14.6	6304.0 T33
✓	Δ35	2.50	-12°42'	✓	5	238	-53.8	-55.4	6234.0 Δ35
Δ35	Δ34	2.52	+13°20'	3.7	5	239	+56.9	+55.6	
✓	Compass								
✓	T34	0.97	+11°35'	✓	3.25	93	+19.	+19.2	6253.2 T34
✓	G118	1.10	+11°04'	✓	3.	105 1/2	+20.9	+21.6	6255.6 G118
✓	G117	0.39	+7°33'	✓	3.2	38.4	+5.1	+5.6	6239.6 G117

Note (Aug. 20th) - the line
 not seen to be a good direction
 line (W/P) probable error
 1°50' - note
 clockwise at Δ33
 to correct -
 is the line
 plate to S of
 the two positions
 of Caribou

Wed. Aug 1/56

4.6 @ 5

7.9 @ 8% about shot

2.3 @ 2

3.1 - 7 @ 5

3.14 - 7 @ 5

3.79 - 7 @ 5

3.5 - 6 @ 5

3.48 - 6 @ 5

SILVER CUP

Sheet 17

AT	TO	R.I.	V.L.	H.I.	N.P.	H.D.	V.D.	Δ Elev	Elev	
Δ35	Δ36	1.39+	-11°56'	3.7	9	133	-27.9	-33.2	Δ35 6234.0	Δ36
									6200.8	8-9-5919
Δ36	Δ35	1.41-	+13°37'	3.8	3	133	+32.3	+33.1		
✓	G119	0.60	-5°58'	✓	3.3	59	-6.2	-6.7	6194.1	G119
✓	Δ37	1.15	-8°30'	✓	3	112	-16.8	-16.0	6184.8	Δ37
Δ37	Δ36	1.45	+7°31'	4.1	2	112 1/2	+14.9	+16.0		
✓	Δ38	3.70	-11°41'	✓	8	354	-73	-76.9	6107.9	Δ38
✓	G120	1.48	-13°57'	✓	3	140-	-34.4	-33.3	6151.5	G120
✓	G121	2.98	-13°57'	✓	3	282	-66	-64.9	6119.9	G121
Δ38	Δ37	3.70	+12°26'	4.0	5	352 1/2 351	+77.5	+76.5		1-3-98 1/2 32-7-5
✓	Caribou	-	+12°15'							
✓	Δ39	2.56	-14°47'	✓	8	240	-63	-67	6040.9	Δ39
Δ39	Δ38	2.56	+16°06'	3.1	5	238 236	+68	-66.1		7-9-56 1/8 3-11-61 5
✓	06	1.17	+34°12'	✓	8	79.7	+54.2	+49.3	6090.2	06
✓	G121A	1.00	-12°22'	✓	3.5	95	-20.9	-21.3	6019.6	G121A
✓	Δ40	1.89	-10°41'	✓	3	181 1/2	-34.2	-34.1	6006.8	Δ40
Δ40	Δ39	1.89	+10°27'	3.6	3	182	+33.4	+34.0		
✓	G122	0.60	-5°36'	✓	9.3	59	-5.8	-11.5	5995.3	G122

SILVER CUP

Sheet 18

AT	TO	R.I	V. L	HI	HP	H.D	v.D.	Δ Elev	Elev		
Δ40	T35	0.32	-1°15'	3.6	9.2	32	-0.8	-6.4	6006.8 6000.4	T35	T35 & tramway ashes 9'
✓	Δ41	2.32	-11°02'	✓	5	234	-43.6	-45.0	5961.8	Δ41	116)205
Δ41	Δ40	2.33	+10°50'	4.1	2	244 1/2	+43	+45.1			1-3.32 Δ2
✓	Δ42	1.26	-5°43'	✓	9	124 1/2	-12.6	-17.5	5944.3	Δ42	
Δ42	Δ41	1.25	+8°12'	4.1	4.5	123 1/2	+17.7	+17.3			
✓	Δ43	1.53	-9°15'	✓	9	150-	-24.3	-29.2	5915.1	Δ43	76 765 11 5530 9.975)2 17
Δ43	Δ42	1.56	+13°04'	4.5	9	148	+34.5	+30.0			
✓	T36	1.175	-10°00'	✓	8	114	-20	-23.5	5891.6	T36	T36 & tramway
✓	Δ44	2.42	-10°06'	✓	5.5	234	-41.8	-42.8	5848.8	Δ44	
Δ44	Δ43	2.41	+10°23'	4.4	4.5	233 1/2	+42.8	+42.7			
✓	G123	0.76	-5°15'	✓	9.5	75 1/2	-7	-12.1	5836.7	G123	
✓	G124	1.20	-5°21'	✓	9.6	118 1/2	-11.2	-16.4	5832.4	G124	
✓	Δ45	2.36	-3°44'	✓	8	233	-23.5	-27.1	5821.7	Δ45	
Δ45	Δ44	2.36	+6°54'	4.4	5.5	233	+28.3	+27.3			208-237
✓	Δ46	3.07	-9°38'	✓	5	298	-50.2	-50.8			2.93-725
Δ46	Δ45	3.10	+9°52'	4.5	5	300	+52.4	+51.9	5770.4	Δ46	Thur Aug 2/56

SILVER CUP

sheet 19

AT	TO	RI	VL	HI	H.P.	H.D.	V.D.	Δ Elev.	Elev.	
Δ46	Δ47	3.23 ²³ 3.33	-8°06'	4.5	6	318	-45	-46.5	Δ46 = 5770.4	5.77 3.67-7.16
Δ47	Δ46	3.23	+8°24'	4.6	5	318	+46.6	+46.2	5724.2	Δ47 3.77-7.5
✓	T37	1.88	+9°08'	✓	9	183	+29.2	+24.8	5749.0	T37 T37 - 4 tramway
✓	Δ48	2.35	-6°52'	✓	8	232	-28	-31.4	5692.8	Δ48 7-9.35 18
✓	Caribou	—	+15°44'	✓	—	—	—	—	—	—
✓	Barbara Compass	—	+18°46 1/2'	✓	—	—	—	—	—	—
Δ48	Δ47	2.35	+8°31'	4.6	8	230	+34.4	+31.0	—	7-9.35 18
✓	T38	0.865	+9°12'	✓	9.5	84.2	+137	+8.8	5701.6	T38 7.28 - 4 tramway
✓	T39	1.34	-13°42'	✓	3	126 1/2	-30.8	-29.2	5663.6	T39 T39 - 4 tramway
✓	Δ49	2.30	-12°45'	✓	2	219 1/2	-49	-46.4	5646.4	Δ49 1-3.20
✓	G175	0.85	-11°10'	✓	9.5	81.9	-16.75	-21.1	5671.7	G175
Δ49	Δ48	2.30	+12°13'	4.3	5	219 1/2 +	+47.5	+47.8	5645.7	Δ49 3.7-6.15
✓	Δ50	2.20	-11°00'	✓	2	2.11 512.2	-41	-38.7	—	4.3-2.12
Δ50	Δ49	2.20	+9°41'	4.8	2	213	+36.5	+39.3	5606.7	Δ50 ✓
✓	Δ51	3.12	-10°37'	✓	5	301	-56.5	-56.7	—	3.88-7.15
✓	G127	2.45	-11°13'	✓	2	235	-46.8	-44.0	5562.7	G127 1-3.42 12
✓	G176	1.20	-11°22'	✓	3	116	-23.3	-21.5	5585.2	G176

SILVER CUP

Sheet 20

AT	TO	RI	V.L	HI	HP	HD	VD	Δ Elcv	Elcv	
Δ 51	Δ 50	3.10	+10°54'	4.5	6	299	+57.5	36.7 56.4 -56.4 +56.0	5606.7 5550.3	Δ 50 - from sheet 19
✓	740	1.59	-8°06'	✓	9	155	-22.1	-76.6	5523.7	Δ 51 3.9-7-6
✓	Δ 52	3.36	-9°42'	✓	5	329	-53	-53.5	5496.8	740
✓	Caribou	-	+16°43'							Δ 52 3.64-7.5
Δ 52	Δ 51	3.34	+9°22'	4.5	5	327	+53.5	+53		line plotted offset from Δ 51 on paper because of trees
✓	Δ 53	3.36	-9°42'	✓	2	328	-55.8	-53.3		(1.00) 167-2-25
Δ 53	Δ 52	3.35	+9°26'	4.3	5	328	+54	+53.3	5443.5	Δ 53 3.65-7.5
✓	07	1.36	-18°09'	✓	(9+4.5) 13.5	123	-40.3	-49.5	5394.0	07 is in front of Tenser tunnel (1.68) 2-29+4.5
Δ 53	Caribou	-	+17°54'							07 is 13.5 in front of tunnel on d.
										— this shot was through some branches so is slightly approximate

412 - 86 - 25 ✓

5130-1-2-3-20-4-8-8-6A
605-609
74-223-2

639.524

2023, 2024, 2025
probably
old 2029

~~2029~~

SILVER CUP
AT UPPER DUMPS - SCALE 1"=10'

Fri Aug 2 rainy days
Sat Aug 4

Mon Aug 6 56

Sheet 21

AT	TO	R.I.	V.L.	H.I.	HP	H.D.	V.D.	Δ Elev.	Elev.	
Δ12	A56	1.65	-10°46'	3.8	9	159	-30.1	-35.3	6919.7	from sheet 5
✓	COMPASS								6884.4	shot to orient table
✓	G130	0.46	-19°58'	✓	3.2	40.6	-14.7	-14.1	6905.6	G130
✓	G131	0.56 1/2	-16°48'	✓	3.3	51.9	-15.5	-15.0	6904.7	G131
✓	G133	0.73	-13°51'	✓	3.4	64	-17.0	-16.6	6903.1	G133
✓	G133A	0.80	-14°06'	✓	3.4	75.0	-19.0	-18.6	6901.1	G133A
✓	G134	0.84	-13°02'	✓	✓	79.5	-18.4	-18.0	6901.7	G134
✓	G132	0.67	-13°57'	✓	3.3	62.5	-15.5	-15.0	6904.7	G132
✓	T43	0.85 1/2	-11°17'	✓	3.4	82.4	-16.4	-16.0	6903.7	T43
✓	T42	0.96 1/2	-10°36'	✓	3.5	93.	-17.4	-17.1	6902.6	T42
✓	T41	0.83	-12°18'	✓	3.4	79.5	-17.3	-16.9	6902.8	T41
✓	G145	0.62 1/2	-14°09'	✓	3.3	58.6	-14.8	-14.3	6905.4	G45 {point at shaft corner shot in earlier
✓	G140	0.50	-17°51'	✓	3.3	45.3	-14.5	-14.0	6905.7	G140
✓	G139	0.59	-15°38'	✓	3.3	54.5	-15.4	-14.9	6904.8	G139
✓	G141	0.31	-8°58'	✓	9.2	30.5	-4.8	-9.2	6910.5	G141
✓	G142	0.20	+9°05'	✓	3.1	19.5	+3.1	+3.8	6923.5	G142 peg marked T142
✓	G137	0.43	+15°56'	✓	9.2	40.0	+11.3	+5.9	6925.6	G137
✓	G138	0.65	+22°31'	✓	3.4	65.0	+2.7	+3.1	6922.8	G138

AT	TO	RT	V.L	H.I	H.P	H.D.	V.D.	Δ Elev	Elev	
$\Delta 12$	G145	0.46	-12°16'	3.8	9.3	43.6	-9.5	-15.0	$\Delta 12$ 6919.7	G145
✓	G135	0.975	-9°17'	✓	9.5	95	-15.5	-21.2	6904.7	G135
✓	G136	1.11	-13°37'	✓	3.0	105	-25.28	-24.4	6898.5	G136
✓	G136A	1.16	-10°51'	✓	9.0	106	-20.4	-25.6	6895.3	G136A (A added by Jan)
✓	Caribou	-	+4°05'	✓	-	-	-	-	6894.1	-
✓	G49	0.80	+14°46'	✓	3.4	75	-19.6	-19.2	6900.5	G49 (G149 on paper points to Jan)
✓	$\Delta 55$	1.35	-16°18'	✓	3.0	124	-36.1	-35.3	6884.4	$\Delta 55$
✓	G146	1.20	-14°44'	✓	9.0	113	-29.5	-34.7	6885.0	G146
✓	T44	0.84	-19°55'	✓	3.4	74.9	-26.9	-26.5	6893.2	T44
$\Delta 56$	$\Delta 12$ COMPASS	1.66	+12°25'	4.6	4.0	158 1/2	+34.9	+35.5	$\Delta 56$ 6884.4	shot to orient table from sheet 21
✓	G44	0.70	+11°31'	✓	3.4	67.0	+13.7	+14.9	6999.3	G44
✓	G39	0.27	-5°46'	✓	3.2	27	-2.7	-1.3	6883.1	G39
✓	G147	0.46	+12°23'	✓	3.3	46	+1.1	+2.4	6886.8	G147
✓	G148	0.17	-4°11'	✓	9.1	17	-1.24	-5.7	6878.7	G148
✓	G144	0.56 1/2	-17°38'	✓	9.3	51.4	-16.4	-21.1	6863.3	G144
$\Delta 55$	$\Delta 12$ COMPASS	1.335	+15°20'	4.5	3	124	+33.9	+35.4		shot to orient table
✓	G47	0.15	-8°38'	✓	3.1	14.7	-2.2	-0.8	6883.6	G47

AT	TO	RI	VL	HI	HP	HD	VD	Δ Elev	Elev.
$\Delta 55$	G146A	0.53	+1°34'	4.5	3.3	53	+0.6 0.5	+1.8	6884.4 — from sheet 22
✓	G143	0.98	-2°57'	✓	3.5	98	-5.0	-4.0	6886.2 G146A 6880.4 G143

END OF 10 SCALE

Corrected Elev. from A17

Sheet 34A

6818.5 A17

6925.7 A18

6807.7 A57

6787.9 C150

6771.2 G151

6766.3 A58

6914.0 T45

6833.6 T46

6863.8 T47

6758.5 T48

6738.0 G152

6717.4 08

6701.2 G96

696. 6688.5

SILVER CUP
77

Sheet 28

AT	TO	R.L.	V.L.	H.L.	H.P.	H.D.	V.D.	Δ Elev.	Elev.		
Δ 59	G158	10.98	+4°2'	4.5	6.8	1090	+ 77.5	+75.2 34°2'-30"	7443.8 7448.1	Δ 59	Δ 59-G158 2(4-9.49)
V	G157	7.16	+3°24'	V	7.8	713-714	+ 42.2	+38.9 33°24'-30"	7482.7 7487.0	-*-	V -G157 2(6-9.58)
V	G159A	1.38	+3°2'	V	8.7	137 $\frac{1}{2}$	+ 7.35	+ 3.2 33°2'-30"	7447.0 7451.3	G159A	V -G159A (8-9.38)
V	G155	2.52	+11°13'	V	3.2	242	+ 47.9	+49.2 41°13'-30"	7493.0 7497.3	G155	V -G155 (2-4.52)
Δ 6159A	G155	3.73	+7°37'	4.4	7.8	368-369	+ 49.0	+46.6 37°37'-30"	7323.7 7328.0	G160	Δ 6159A-G155 (6-9.73)
V	G160	3.41	-23°8'	V	4.7	288 $\frac{1}{2}$	- 123	-123.3 6°52'-30"	7205.4 7209.7	Δ 60	V -G160 (3-6.41)
V	Δ 60	8.11	-18°20'	V	3.0	730	- 241	-241.6 11°40'-30"	7543.9 7548.2	G167	V - Δ 60 (1-9.11)
Δ 6155	Δ 60	6.59	-30°59'	4.4	6.3	484-485	-290	-291.9 -0°59'-30"	7295.6 7299.9	G164	Δ 6155 - Δ 60 (3-9.59)
V	G167	5.41	+5°40'	V	6.7	535-536	+ 53.2	+50.9 35°40'-30"	7294.8 7299.1	G164A	V -G167 (4-9.41)
Δ 60	G164	3.82	+15°33'	4.3	7.9	353	+ 93.8	+90.2 45°33'-30"	7293.8 7298.1	G165	Δ 60 - G164 (6-9.82)
V	G164A	3.69	+15°8'	V	7.8	343	+ 92.9	+89.4 45°8'-30"	7284.4 7288.7	G163	V -G164A (6-9.69)
V	G165	3.89	+14°10'	V	7.9	364-365	+ 92	+88.4 44°10'-30"	7096.5 7100.8	G162	V -G165 (6-9.89)
V	G163	2.86	-4°30'	V	2.9	283	- 22.4	-21.0 25°30'-30"	7063.5 7067.8	G161	V -G163 (1-3.86)
V	G162	3.51	-18°30'	V	7.7	315-316	- 105.5	-108.9 11°30'-30"	6916.2 6920.5	G161A	V -G162 (6-9.51)
V	G161	4.81	-17°48'	V	7.4	437 $\frac{1}{2}$ -438	- 139	-142.1 12°12'-30"	7161.8 7166.1		V -G161 (5-9.81)
V	G161A	7.11	-27°10'	V	5.5	561 $\frac{1}{2}$	- 288	-289.2 2°50'-30"	6916.2 6920.5		V -G161A (2-9.11)
									7519.0 7523.3	G158*	

SILVER CUP

sheet 25

Sheet 28
over breaks
ridge by
San fault

AT	TO	RI	V.L	H.T	H.R	H.D.	V.D	Δ Elev.	Elev.
696	6153	0.92	+8°53'	4.4	2.5	90	+14	+14.9	696 6687.5
✓	579	0.46 1/2	-15°32'	✓	3.3	43	-12.1	-11.0	6702.4 6153
<p>Closure is directionally correct accuracy same as at 696 down ice (depends on which shot is accepted then) or 6789.2 - 6676.7 12.5' closure error 6312.7 at 696 sheet 24</p>									
696	Δ59	1.85	-20°55'	4.4	9	163	-60.	-64.6	6622.9 Δ59
Δ59	696	1.90	+23°11'	4.0	9	161	+69	+64	5-9.85-9
✓	T49	0.525	-18°56'	✓	3.3	47.2	-16.1	-15.4	6607.5 T49
✓	T50	1.45	-18°07'	✓	9	130 1/2	-42.9	-47.9	6575.0 T50
✓	T51	0.51	-7°11'	✓	3.3	50	-6.4	-5.7	6617.2 T51
<p>- steps on top of T51</p>									
Δ19	Δ15	14.6	-30°49'	3.5	2	1085	-640	-638.5	cf sheet 8
<p>shot to orient table (2-9.2) 2-9.2 7.34- 7.25? 9.4- max the shot was quite clean 9.4 mark</p>									
Δ19	α	2.34	+19°17'	✓	4.5	208	+72.6	+71.6	middle of face on 2.0' upper on 9.3 or a little better
<p>α₁ vs 4ft from α (towards Barbara)</p>									
α ₁	Δ19	2.36	-18°08'	4.3	8				7.926 18
α ₁	Caribou Barbara	-	-1°56'						α ₁ to Netie L = +0°46'
α ₁									α ₁ to Barbara = -3°07'

SILVER CUP
squeezed formation

Mon. August 13/56 Sheet 26

JKT

Rod-lan Faulks
Geology - Hans Trefthin 475%

AT	TO	R.I.	V.L.	H.I.	H.P.	H.D.	V.D.	Δ Elev	Elev.
Δ15	Δ13	3.00	-18°39'	4.0	5.5	269 1/2	-90.5	-92.	Δ13 6945.0

✓ Caribou - +3°06'

Compass N put on sheet at Δ15 also; at this stage table was moved to set up at G65 and oriented by the compass N line drawn at Δ15 - this compass line was then changed to "Compass N at G65". Δ15 was shot to give a line in common with the previous sheet

G65	Δ15	6.40	-19°36'	4.2	6.2	568	-200 1/2	-202.5	7236.4
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G65 3-9-56

✓	G152	5.03	+22°14'	✓	6	430	+175.5	+173.7	7410.1
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G152 3-27-56

✓	G151	6.00	+21°51'	✓	6	518	+205	+203.2	7439.6
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G151 3-6-56

✓	Δ59A	6.63	+19°37'	✓	6	589	+209	+207.2	7443.8
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against the sun
3-27-56 (approx 3-2-56)

Δ59A	G65	6.63	-19°21'	4.3	6	590	-206	-207.7	7443.8
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Δ59A 3-9-56 - with the sun

✓	G153	1.07	+26°17'	✓	4.5	107	+7.9	+7.7	7451.5
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G153 3-9-56 - 4.5

B Part

Note - Δ59 is NE of 700 Portal (Sheet 25); Δ59A is on 2nd line - Silver cup ridge
Δ58 " " " " " (Sheet 24); Δ58A is a brown Free Coinage add

table set at Δ14 and oriented to compass N using compass N at G65; Δ14 back-sighted so that Δ12-Δ14 is in common with previous sheet

Δ14	Δ12	1.80	-17°58'	4.3	2.	163	-52.5	-50.2	(Elev. from sheet 6) 6969.3
-----	-----	------	---------	-----	----	-----	-------	-------	--------------------------------

Δ14 1-3-56

✓	Δ58A	3.60	+17°32'	✓	5	327	+103.5	+102.8	7071.9
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Δ58A 3-4-7-56

Δ58A	Δ14	3.60	-17°23'	4.6	5	327	-102	-102.4	7145.7
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shot to orient table
(3-4-56) @ 5

✓	G150A	2.41	+19°05'	✓	5	215	+74.2	+73.8	7145.7
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G150A 3-5-56 1.5

AT	TO	R.Z.	V.L.	H.I.	HP	H.D.	V.D.	Δ Elev.	Elev.	
Δ57A									Δ58A - 7071.9	from sheet 26
✓	G149	5.43	+30.40	4.6	7	402	+238	+235.6	7307.5	G149 4-9-517
✓	G148	5.87	+28.16	✓	6	451	+242	+240.6	7312.5	G148 3-13-916
✓	G150	6.18	+28.47	✓	6	474	+259 1/2	+258.1	7330.0	G150? 3-9-116
✓	G147	3.12	+2432	✓	5	258	+117 1/2	+117.1	7189.0	G147 3-28-715
✓	G146	2.03	+20.48	✓	5	178	+67.2	+66.8	7138.7	G146 2-97-6-5
✓	G145	0.80	+5.11	✓	3.4	79.1	+7.2	+8.4	7080.3	G145 3-3-862.4
✓	Caribou	-	+2045'	✓	-	-	-	-	-	-

Should be G150AA? — see G150, sheet 24 (shot from Δ57) & G150A, sheet 26 (separate shot from this same station — i.e. from Δ58A)

Sheet 28 = shots over

Trains Ridge & from
Trains Basin back to
slope E from ridge
— by Jan Farrells

(Aug 18/56)

SILVER CUP

August 25/56

AT	TO	R.L.	V.L.	H.L.	H.P.	H.W.	V.D.	Elev.	A. Elev.
Δ59	GDS	6.61	-19°20'	4.6	6.3	589	206	10°40'-30"	7443.8
✓	ALPHA	16.18	+10°19 $\frac{1}{2}$ '	✓	5.0	1565	+285	40°49 $\frac{1}{2}$ '-30"	7728.3
✓	Caribou		-0°01'	✓				27°57'-30"	ALPHA 7728.0 *
✓	Nettie L.		+1°21'	✓				31°21'-30"	7493.0
Δ6155	ALPHA	18.52	+7°21'	4.3	4.6	1825	+235	37°21'-30"	G155
✓	Caribou		-0°23'					29°37'-30"	Δ59 ALPHA 2 (1-7.09)
✓	Barbara		-1°0'					29°0'-30"	Δ755 ALPHA 2 (0-9.26)
✓	Nettie L.		+1°15'					31°15'-30"	

(cont.)
 * survey elev. - 7728'
 topographical " - 7647'
 difference - 81'

* The difference between calculated elevations as a result of shots from Δ59 and G155 shows 0.3'
 * Note - T. Ian Faulks.
 - Red Men Doug Irring