PACIFIC WATERPROOF

MIKE BREMNER

CAB

July, Aug 1969

Product of
DOMINION BLUEPRINT LTD.
1529-WEST PENDER, VANCOUVER 5, B.C. - 681-7501

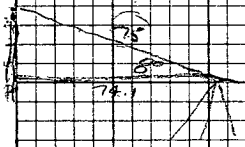
Tape Distance 74.1'

Top	1.60	13.8	V
Mid	1.97	+8°	
Bot	2.35	1.84	H

Distance

2.35
1.60
.75

= 75 ft.
1.84
73.16



Sta. No.	Stadia interval L	Stadia height R	Inclination	H	Horiz. Dist. 100 × L × H
0	·190	1·355	0°	θ	19·0
A	1·66	6·63	+4°	·5	·83
B	1·40	4·90	−4°	·5	·70

Sunday 20th July 1969 — SURVEY BASE LINE

V	Elevation E (L×V) ± R		Remarks
9.0	1.355	1.475 / 1.285 / 7.47 / 5.81 / 5.60 / 4.20	.190 / 1.66 / 1.40 / 1.355 / .19
6.17 6.96	11.55 − 6.63 = 4.92		+ 1.36 = +6.28
33.30 6.96	9.74 + (− 4.90) = −14.64		− 1.36 = −13.28

Zero 1.57/1.74/2.43 + 3°

A 1.74/3.17/4.61 + 3°

B 7.95

Inst 13.44' above zero

(A)

+ 13.44
− 7.15
+ 6.29

Sta. No.	Cross-hairs T	M	B	Inclination	H	V	Stadia Interval L (T−B)	Horiz Correct. C (cos H × L)	Horiz. Dist. D (L×100)−C	Elevation w.r.t Inst. Sta. E (V×L)	± M	True Elev E Inst ± E
zero	1·21	2·03	2·85	−4°	·49	6·96	1·64	·80	163·20	11·41	−13·44	0
A	6·79	7·15	7·50	/	/	/	·71	/	71·00	/	−7·15	+6·29
B	5·25	6·71	8·14	−4°	·49	6·96	2·89	1·42	287·58	20·11	−26·82	−13·38
C	3·82	5·63	7·43	+4°	·49	6·96	3·61	1·77	359·23	25·13	+19·50	+32·94

MONDAY 21st July 1969

Base-line extension + triangulation of X-line Stns.

(A)
11.54

.95

23.73
9.75
33.48

10.59 ✓
9.67

10.59
10.07
6.31
26.97

32.94
6.29
26.65

33.16
6.40
26.76

23.10
23.73
46.83

33.16
6.40
9.56

32.94
13.38
46.32

33.16
13.10
46.26

3.98
.97
3.01

10.62

.55

26.20
2.47
23.73

10.07
6.24
6.31
42.88

23.10
9.75
13.35

33.16
6.40
39.56

6.79
.48
6.31

32
.87
31.13

+6.40
-13.10
+33.16

+6.29

3.01
1.50
.97
2.47

6.79

.48
(C)

21.15
1.95
23.10

3.46
.44

6.29
32.94
39.23

182
1.40
0.60

320
2.46
317.54

33.16
6.40
26.56

32.94
6.29
26.65

11.54
.95
10.59

10.62
.95
9.67

10.62
.55
10.07

6.02
2.82
3.20
1.60
2.82
4.42

7.88
7.46
0.42
.21
7.46
7.67

4.23
2.41
1.82
.91
2.41
3.32

3.78
.66
3.12
1.56
.66
2.22

13.10
6.40
6.70

13.38
6.29
7.09

19.15
14.01
5.14

19.50
13.44
6.06

A-B	19.50	19.67
B-C	46.26	46.32
C-A	26.56	26.65

Zero	2.41	3.32	4.23	-5°	.77	8.7	1.82	1.40	180.60	15.83	-19.15	0
A	7.46	7.67	7.88	-7°	1.48	12.1	.42	.61	41.39	5.08	-12.75	+6.40
B	2.82	4.41	6.02	-5°	.77	8.7	3.20	2.46	317.54	27.84	-32.25	-13.10
C	.66	2.22	3.78	$+3^\circ$	.28	5.2	3.12	.87	311.13	16.23	+14.01	+33.16

Tuesday 22nd July 1969. — Grid + X-line 88ths

A-C	.97	2.47	3.98	$+5^\circ$	.77	8.7				26.20	+23.73	
A-Zero	8.94	9.75	10.46	/	/	/				/	-9.75	
A-B	.44	1.95	3.46	-4°	.49	7.0				21.15	-23.10	

33.48

13.35

46.83

7.13
10.80
17.93
9.97
7.13
16.10

4.55
3.83
8.38
4.9

2.770
1.905
1.865
432
14.675
2.34

4.555
3.833
.722
.31
3.833
4.14

3.770
1.905
.865
10.80
7.13
3.67

3.49
1.56
2.13
1.07
1.56
2.63

(A) = +6.33

(B) = −13.28

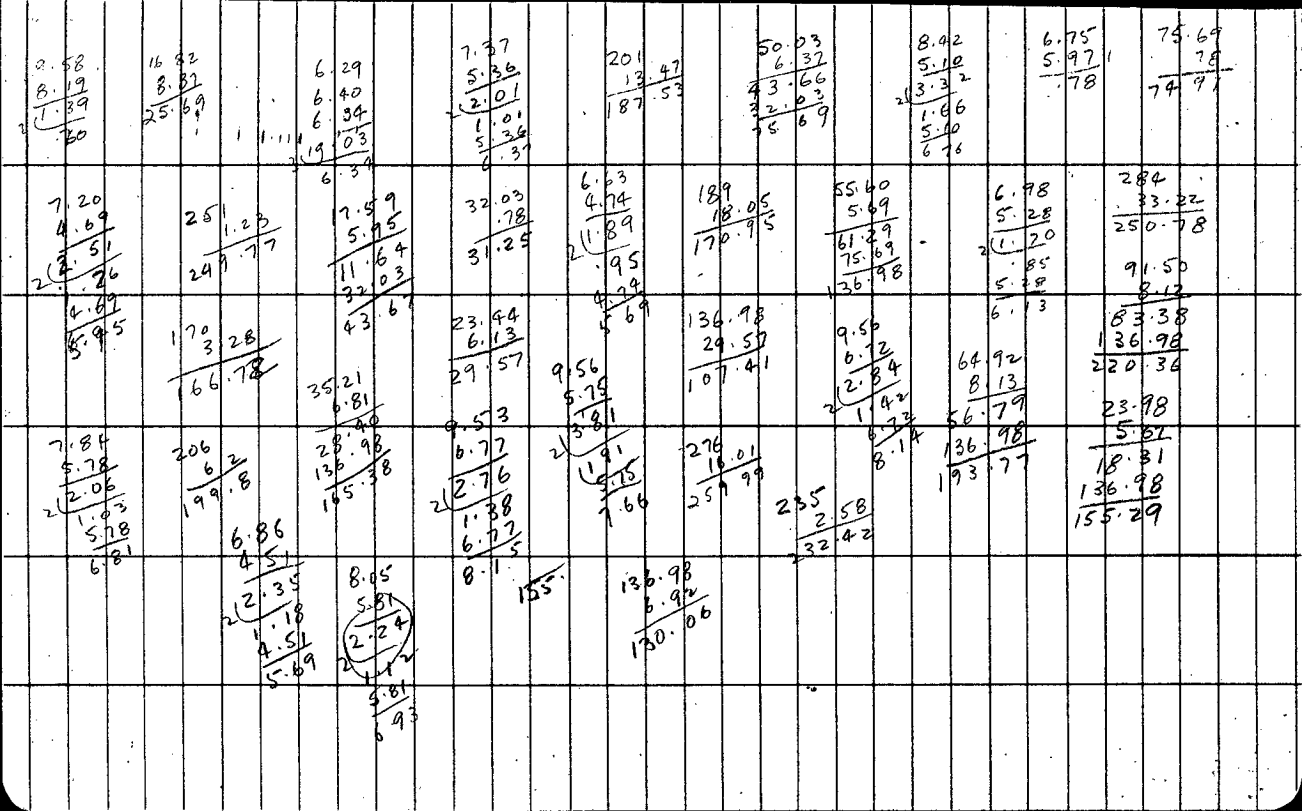
(C) = +33.24

Zero	3.83	4.16	4.55	/	/	/	72	/	72.0	/	-4.16	0
A	1.905	2.340	2.770	+3°	.3 .28	5.23 5.2	.865	.24	86.26	+4.52	+2.18	+6.34
B	1.56	2.62	3.69	-4°	.5 .49	6.96 7.0	2.13	1.04	211.96	-14.83	-17.45	-13.29
C	7.13	8.95	10.80	+6°	1.1 1.1	10.40 10.4	3.67	4.04	362.96	+38.17	+29.22	+33.38

Tuesday 22nd July 1969 — Grid + X-line Nos.

SURVEY BASE-LINE AVERAGES. ⟶

(A)	(B)	(C)
+6.28	-13.28	
+6.29	-13.38	+32.94
+6.40	-13.35	+33.48
+6.34	-13.10	+33.16
+6.31	-13.29	+33.38
4)25.31	5)66.40	4)132.96
+6.33	-13.28	+33.24



I											[6.34]	
A	9.19	8.87	9.58	-7°	1.49	12.1	1.39	2.67	136.33	-16.82	-25.69	(32.03)
X-Line 12S terminus	5.36	6.37	7.37	+15°	6.7	25.0	2.01	13.47	187.53	+50.03	+43.66	+75.69
Slope	5.10	6.75	8.42	+11°	/	1.8	3.32	/	332.00	+5.97	-.78	+31.25
Slope	4.69	5.95	7.20	+4°	.49	7.0	2.51	1.23	249.77	+17.59	+11.64	+43.67
II											[75.69]	
X-Line 12S terminus	4.78	5.69	6.63	-18°	9.55	29.4	1.89	18.05	170.95	-55.60	-61.29	(+136.98)
700W	5.28	6.13	6.98	-8°	1.93	13.8	1.70	3.28	166.72	-23.44	-29.57	+107.41
600W	5.78	6.81	7.84	+10°	3.01	17.1	2.06	6.20	199.80	+35.21	+28.46	+165.38
500W	(6.72 5.75 6.80)	(8.12 8.16)	(9.56 9.56)	+20°	11.7	32.2	2.84	33.22	250.78	+91.50	+83.38	+220.36
X-Line 16S 600W	6.77	8.13	9.53	+14°	5.8	23.5	2.76	16.01	259.99	+64.92	+56.79	+193.77
700W	4.51	5.67	6.86	+6°	1.10	10.4	2.35	2.58	232.42	+23.98	+18.31	+155.29
800W	5.81	6.92	8.05	/	/	/	2.24	/	224.00	/	-6.92	+130.06

Wednesday 23rd July 1969

Cross Lines 1200S W
1600S

7.86
5.36
2.50
1.25
5.36
6.61

250
24
226
6.36
3.40
2.96
1.48
3.40
4.88

73.25
6.63
79.87
220.36
300.23
296
45
251

6.42
4.30
2.12
1.06
4.36
-36

212
2.33
209.67
8.43
6.83
1.60
.80
6.83
7.63

22.06
5.36
27.42
160
49.9
110.10
10.25
1.14
9.11
300.23
309.34

300
27
42
272.8
74.98
7.63
67.35
300.23
367.58
197.53
4.3
196.

6.47
4.25
2.22
1.11
4.25
-36

200
8.54
191.46

300.23
51.555
248.68

222
6.68
215.32
38.00
9.36
43.36
32.64
300.23
332.87

40.80
10.75
51.55

7.60
5.11
2.49
1.25
5.11
6.36

249
29.18
219.82

80.25
6.34
73.91
300.23
374.14

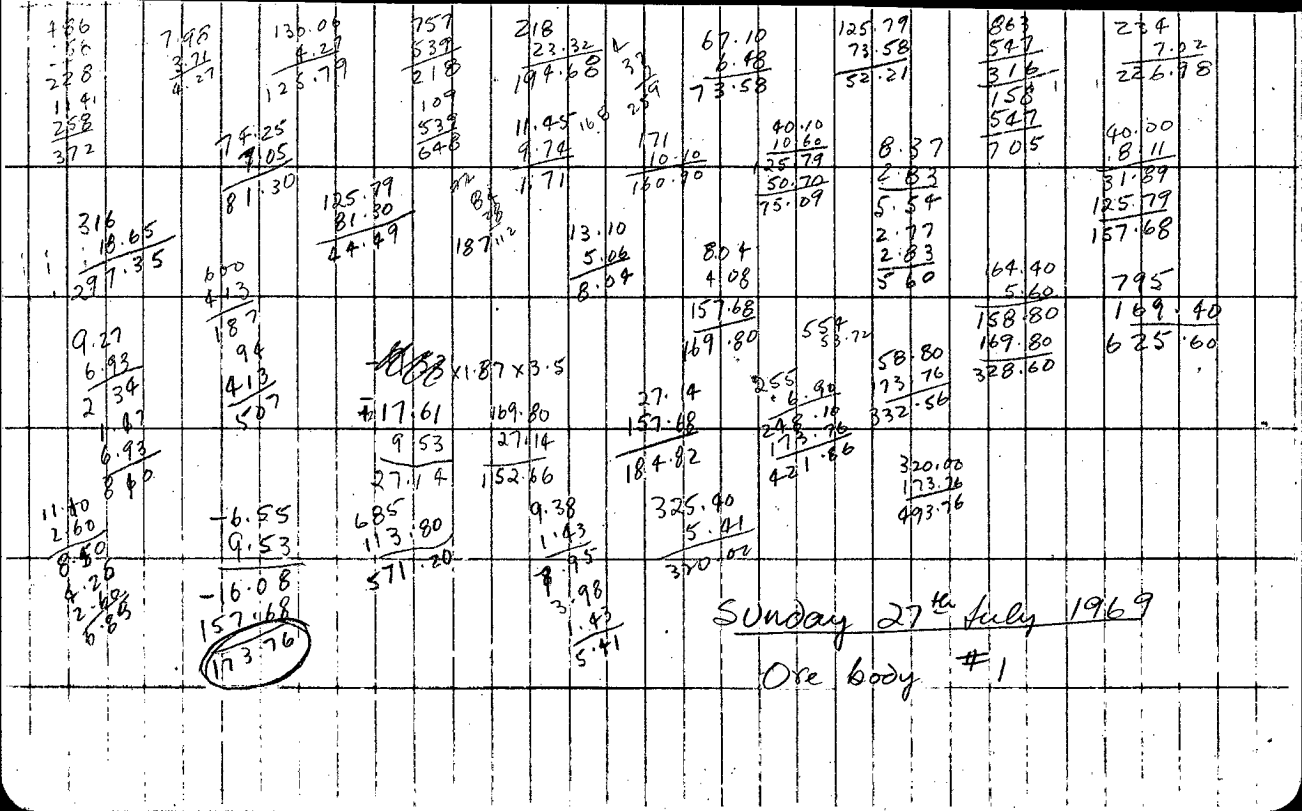
2.13
.16
1.917
.99
.36
1.15

11.75
9.75
2.00
1.00

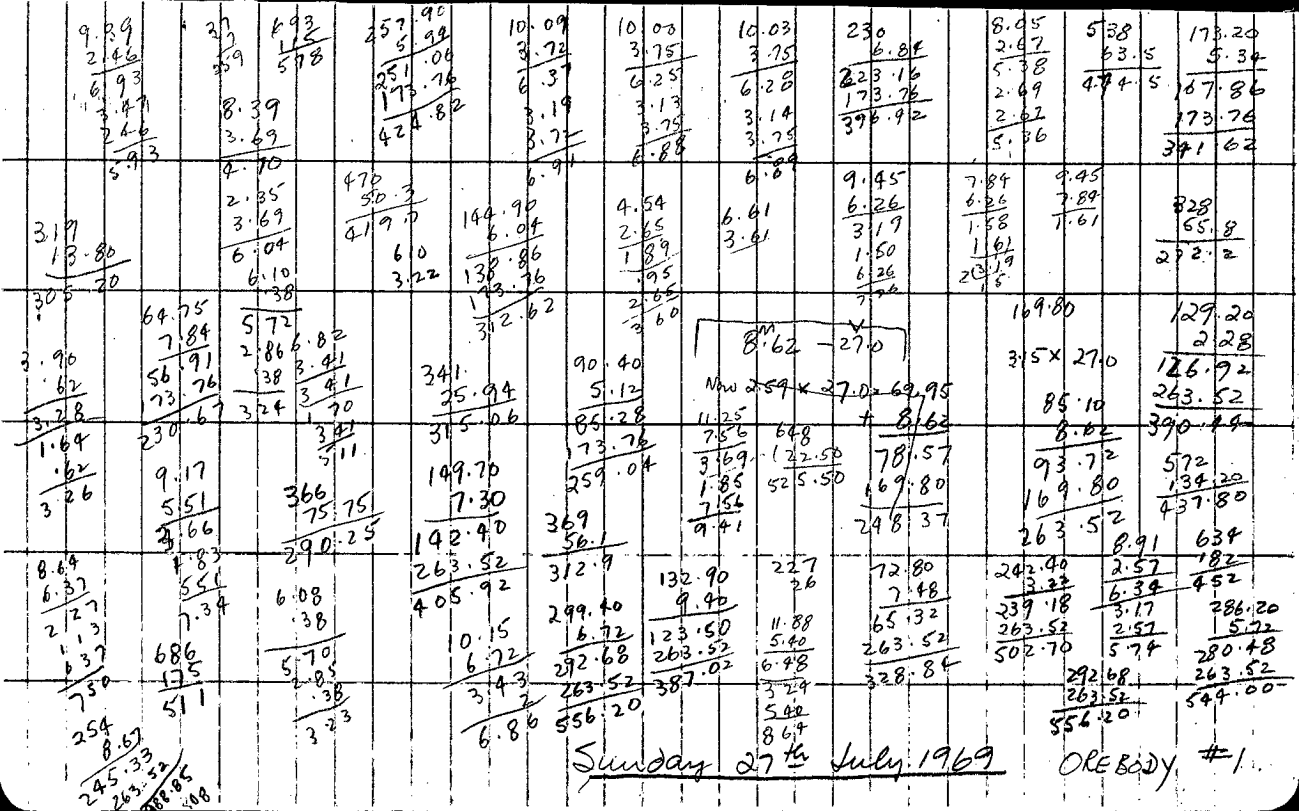
III											[+230.38]	
1200S/500W	5.36	6.62	7.86	-18°	9.6	29.3	2.50	24.00	226.0	-73.25	-79.87	+300.23
400W	4.30	5.36	6.42	-6°	1.1	10.4	2.12	2.33	209.67	-22.06	-27.42	+272.81
300W	4.25	5.36	6.47	+10°	3.01	17.1	2.22	6.68	215.32	+38.00	+32.64	+332.87
200W	3.40	4.89	6.36	+23°	15.2	35.95	2.96	45.00	251.00	+106.49	+101.60	+401.83
Diorite base	6.83	7.63	8.43	+34°	31.2	46.8	1.60	49.98	110.10	+74.98	+67.35	+367.58
1600S/300W	5.11	6.34	7.60	+20°	11.7	32.2	2.49	29.18	219.82	+80.25	+73.91	+374.14
400W	0.16	1.14	2.13	+3°	.27	5.2	1.97	.53	196.43	+10.25	+9.91	+309.34
500W	9.75	10.75	11.75	-12°	4.27	20.4	2.00	8.54	191.46	-40.80	-51.55	+248.68

Wednesday 22nd July 1969

X - lines 1200S } W
1600S }

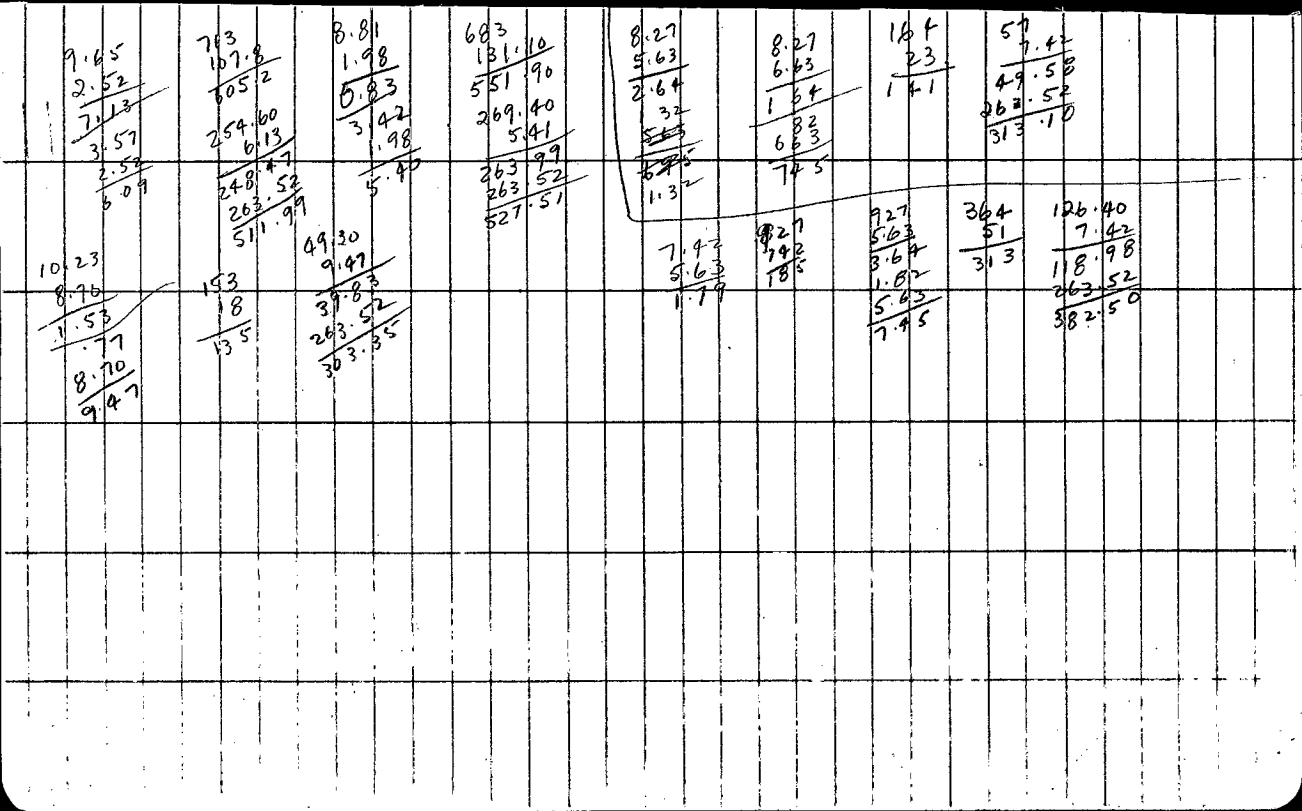

Sunday 27th July 1969
Ore body #1

I													[+30.08]	
Ibbds/Boom	2·58	3·71	4·86	+2°	·12	3·5	2·28			228·0	47·98		+4·27	+125·79
Rubble base	5·39	6·48	7·57	−19°	10·7	30·8	2·18	23·32	194·68	−67·10	−73·58	+52·21		
Creek & Clam Post	5·47	7·05	8·63	−14°	5·9	23·5	3·16	18·65	297·35	−74·25	−81·30	+44·49		
Rubble base	9·74	10·60	11·45	−14°	5·9	23·5	1·71	10·10	160·90	−40·10	+50·70	+75·09		
Rubble crag	6·93	8·11	9·27	+10°	3·0	17·1	2·34	7·02	226·98	+40·08	+31·89	+157·68		
													[+4·08]	
I														
Rubble crag	4·13	5·06	6·08	+4°	·49	7·0	1·87	·92	186·08	+13·10	+8·04	+169·80		
													+173·76	
(1)				+7°19′		12·7								
(2)				+6°28′		11·2	15·33			+173·8			+347·6	
(3)				+8°02′		13·9	14·02			+197·8			+371·6	
(4)				+9°50′		16·8	12·22			+211·8			+385·6	
(5)				+11°23′		19·3	10·98			+221·0			+394·8	
(6)				+11°50′		20·1	10·16			+212·9			+386·7	
Diorite base	2·83	5·60	8·37	+18°10′	9·7	29·7	5·54	53·72	500·28	+164·40	+158·80	+332·56		
Top diorite ridge	2·60	6·90	11·20	+24°	16·6	37·2	6·85	113·80	571·20	+255·60	+248·10	+421·86		
Top diorite	1·43	5·41	9·38	+27°30′	21·3	40·9	7·95	169·40	626·60	+325·40	+320·00	+493·76		


Sunday 27th July 1969
ORE BODY #1

[+193.76]

Top pinnacle contact	2.46	5.94	9.39	+24°	16.6	37.2	6.93	115.00	578.00	+259.90	+251.06	+424.82	
Top diorite contact	3.75	6.88	10.03	+23°30'	15.9	36.6	6.28	100.00	528.00	+230.00	+223.16	+396.92	
Top diorite contact	2.67	5.34	8.05	+20°	11.8	32.2	5.38	63.50	474.50	+173.20	+167.86	+341.62	
Below pinnacles	3.69	6.04	8.39	+19°	10.7	30.8	4.90	50.30	419.70	+144.90	+138.86	+312.62	
Base of scree	2.65	3.61	4.54	+2°	/	3.5	1.89	/	189.00	+6.61	+3.00	+176.76	
Base diorite	6.26	7.84	9.45	+12°	4.32	20.3	3.19	13.80	305.20	+64.75	+56.91	+230.67	
Scree	3.41	5.12	6.82	+16°	7.6	26.5	3.41	25.94	315.06	+90.40	+85.28	+257.04	
											[+263.52]		
III-scree LHS outcrop	0.62	2.28	3.90	+26°	19.2	39.4	3.28	55.80	272.2	+129.20	+126.92	+390.44	
Top outcrop	5.51	7.30	9.17	+27°	20.7	40.9	3.66	75.95	290.25	+147.10	+142.40	+405.92	
RHS outcrop	7.56	9.40	11.25	+23°	15.2	36.0	3.69	56.10	312.90	+132.90	+123.50	+387.02	
Bot outcrop	6.37	7.48	8.64	+20°	11.8	32.1	2.27	26.90	206.10	+72.80	+65.32	+328.84	
Scree crest	.38	3.22	6.10	+29°	28.5	42.4	5.72	134.20	437.80	+242.40	+239.18	+502.70	
Face back	/	6.72	10.15	+30°20'	25.5	43.6	6.86	175.00	511.00	+299.40	+292.48	+556.20	
" "	2.57	5.72	8.91	+32°20'	28.7	45.2	6.34	182.00	452.00	+286.20	+280.48	+544.00	
Scree crest Claim post	5.40	8.67	11.88	+25°38'	18.9	39.2	6.48	182.50	525.50	+254.00	+245.33	+508.85	

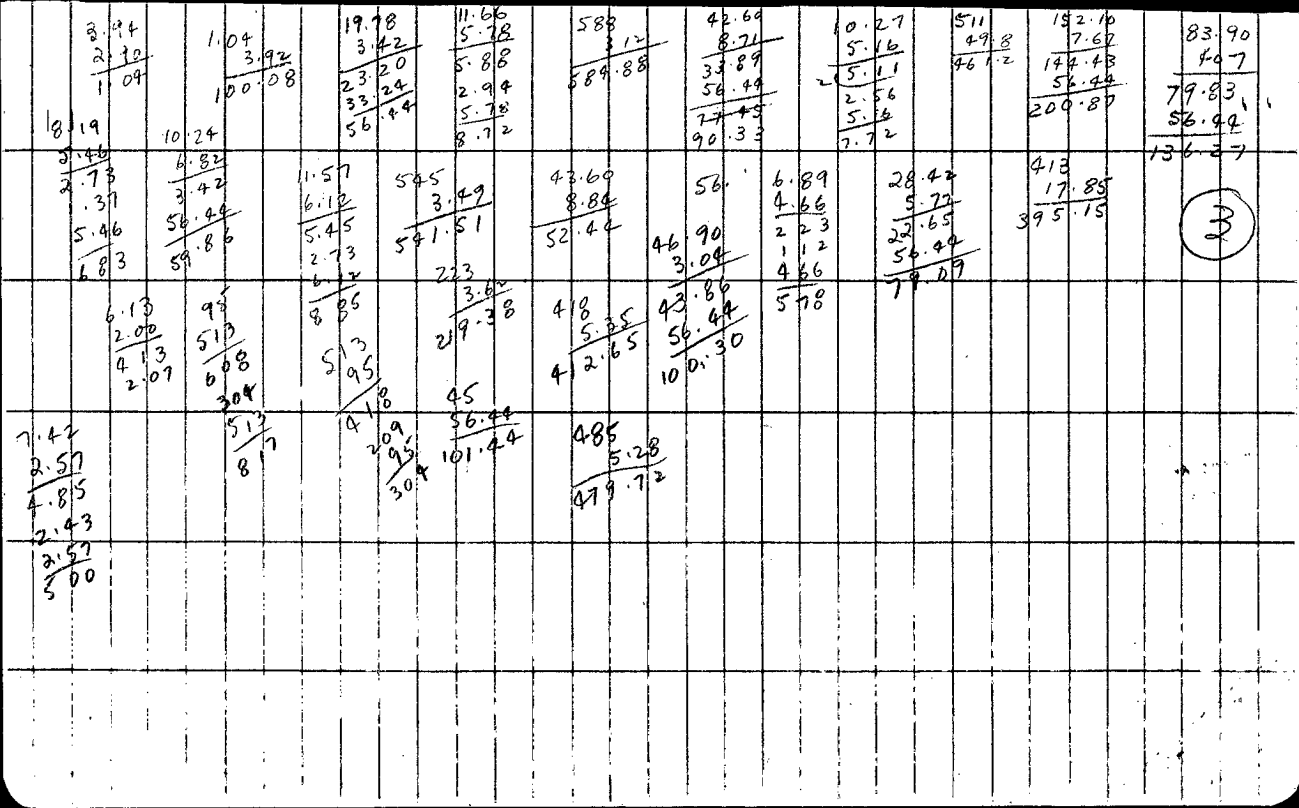


[263.52]

Scree valley	2.52	6.2	9.65	+22°50'	15.1	35.75	7.13	107.80	605.20	+259.60	+248.47	+511.99
Ridge crest	1.98	5.41	8.81	+26°	19.2	39.40	6.83	131.10	551.90	+269.10	+263.99	+527.51
Trench	5.63	7.42	9.27	+22°	14.0	34.75	3.64	51.00	313.00	+126.40	+118.98	+382.50
#1 ore body & creek bed	8.70	9.47	10.23	+20°	11.75	32.2	1.53	18.00	135.00	+49.30	+39.83	+303.35

SUNDAY 27th JULY 1969

OREBODY #1



[+33.24]

backsight on C	2.90	3.42	3.94	-11°12'	3.76	19.0	1.04	3.72	100.08	-19.78	-23.20	+56.94
Top scree	5.78	8.71	11.66	+4°11'	53	7.25	5.88	3.12	584.88	+42.60	+33.89	+90.33
"	5.16	7.67	10.27	+18°12'	9.75	29.75	5.11	49.80	461.12	+152.10	+144.43	+200.87
Bottom scree	5.46	6.82	8.19	+2°8'	/	3.75	2.73	/	273.00	+10.24	+3.42	+59.86
"	6.12	8.84	11.57	-4°25'	64	8.0	5.45	3.49	541.51	-43.60	-52.44	+4.00
Bottom outcrop	4.66	5.77	6.89	+7°20'	1.62	12.75	2.23	3.62	219.38	+28.42	+22.65	+79.09
"	2.00	4.09	6.13	+12°	4.32	20.3	4.13	17.85	395.15	+83.90	+79.83	+136.27
Diorite Creek	.95	3.04	5.13	+6°30'	1.28	11.2	4.18	5.35	412.65	+46.90	+43.86	+100.30
Between creeks moraine	2.57	5.00	7.42	+5°58'	1.09	10.3	4.85	5.28	479.72	+50.80	+45.00	+101.44

MONDAY 28th July 1969 - Diorite behind Camp

(2)

1.93
.15
1.78
.15
1.93

1.04
.15
.89
1.78
.89
.15
1.03

1.93
1.04
.89
8.14
4.65
3.49

252.56
1.04
251.52
349
46.4
302.6

498
746
17

495
251
126
495
621

251
18.32
232.68
814

6530
5.20
60.10
252
283.60
8.10
275.50
252.56
528.06

603
198
405

446
121.04
324.96
184
9.13
174.87
252.56
427.43

11.33
6.87
4.46
2.23
6.87
0.10

11.15
5.12
6.03

3.49
1.75
4.65
6.40

118.70
6.40
112.30
252.56
364.86

446
121.04
324.96

198.50
9.11
189.39
252.56
441.95

401
121.02
279.98

130.80
8.72
122.08
252.56
374.64

255
28.96
226.04

81.00
5.09
75.91
252.56
328.47

3.02
5.12
8.14

11.15
4.58
6.57
3.29
4.58
7.87

11.48
6.29
5.19
2.60
6.29

519
209.20
312.80
6.87
4.43
2.44
1.22
4.43
5.65

254.40
8.90
245.50
252.56
498.06

310
71.60
238.4

10.27
7.17
3.10
1.55
7.17
8.72

6.37
3.82
2.55
1.28
3.82
5.10

244
3.95
240.05

31.12
5.65
25.47
252.56
278.03

[+252.54]

2000S/600W	.15	1.04	1.93				1.78		178.0		−1.04	+251.52
500W (above D100)	4.99	5.20	7.46	+15°40'	7.3	26.0	2.51	18.32	232.68	+65.30	+60.10	+312.66
400W	4.65	6.40	8.14	+27°24'	13.3	34.0	3.49	46.40	302.66	+118.70	+112.30	+364.86
300W	6.87	9.11	11.33	+31°26'	27.15	44.5	4.46	124.04	324.96	+198.50	+189.39	+441.95
200W	5.12	8.10	11.15	+35°	33.0	47.0	6.03	198.00	405.00	+283.60	+275.50	+528.06
2400S/300W	6.58	7.83	11.15	+41°20'	43.60	49.78	6.57	286.60	370.40	+327.00	+319.17	+571.73 *
400W	6.29	8.90	11.42	+39°8'	39.9	49.0	5.19	207.20	312.80	+254.40	+245.50	+498.06
500W	7.18	9.13	11.13	+33°22'	30.2	45.9	4.01	121.02	279.98	+184.00	+174.87	+427.43
600W	7.7	8.92	10.27	+28°48'	23.1	42.2	3.10	71.60	238.40	+130.80	+122.08	+374.64
700W	3.82	5.09	6.37	+19°42'	11.35	31.75	2.55	28.96	226.04	+81.00	+75.91	+328.47
800W	4.43	5.65	6.87	+7°21'	1.62	12.75	2.44	3.95	240.05	+31.12	+25.49	+278.03

Monday 28th July 1969 — X-lines 2000 } W
2400 }

Monday 28th July 1969 — X-lines 2000 2400 W

[+130.06
+4.00]

I @ 1600S/800W to scree base	3.92	5.46	7.00	+8°	1.94	13.8	3.08	5.98	302.02	+42.50	+37.04	+171.10
BACKSIGHT to 1600S/800W	8.46	10.00	11.53	−6°43'	1.38	11.7	3.07			−35.92	−45.92	(+175.98)
(1)				+7°20'		12.7						
(2)				+6°24'		11.1	15.02			+168.5		+344.5
(3)				+7°52'		13.6	14.05			+194.2		+370.2
(4)				+9°18'		15.9	12.62			+201.9		+377.9
(5)				+10°20'		17.7	12.10			+220.6		+396.6
(6)				+9°43'		16.7	11.84			+202.8		+378.8
2000S/800W	1.09	1.59	2.09	+2°13'	/	3.9	1.00	/	100	+3.9	+2.31	+178.29
Diorite base	5.80	8.47	11.17	+17°	8.6	28.0	5.37	46.12	490.88	+150.30	+141.83	+317.81
"	2.96	4.15	6.27	+21°10'	13.0	33.7	4.21	54.75	366.25	+142.00	+137.85	+313.83
"	2.80	4.14	5.52	+23°	15.2	36.0	2.72	41.40	230.60	+98.00	+93.86	+269.84
SCREE	8.94	10.24	11.56	+19°	10.6	30.8	2.62	27.79	234.21	+80.75	+70.51	+246.49
II BACKSIGHT to scree base	/	10.71	/	−16°20'	7.9	27.0				−70.75	−81.46	(+252.56)
2000S/900W & scree base	4.86	5.72	6.56	−15°40'	7.3	26.0	1.71	12.50	158.50	−44.48	−50.20	+202.36

FRIDAY 1st August 1968

8.31
3.21
5.10
2.55
3.21
.74
8.66

5.37
3.29
1.65
5.37
7.02

101.60
5.75
107.35
33.24
140.59

2.65 6.85

510
20.94
489.06
7.57
2.40
5.17
.59
8.53

4.26
2.65
6.91

9.26
2.27
6.99
4.00
2.27
6.27

11.17
2
1.32
6.58
1018
175.50
842.5

12.00
12.00
.45
11.55
5.78
.45
6.23

5.77
2.27
3.50

3.50
2.27
5.77

329
22
307

12.00
1.32
11.68
5.84
1.32
7.16

11.50
1.32
10.18
5.09
1.32
6.41

1155
254
901

9.26
5.77
3.49

478
6.20
471.8
140.6
612.4

1050
214
836

434
5.3
478.7
140.6
559.3

58.70
5.77
52.93
140.59
193.52

82.25
7.00
75.25
140.59
215.84

11.50
1.32
8

517
47.5
469.5

852
151.8
700.2

384.4
6.58
377.8
140.6
518.4

149.50
5
144.50
140.59
285.09

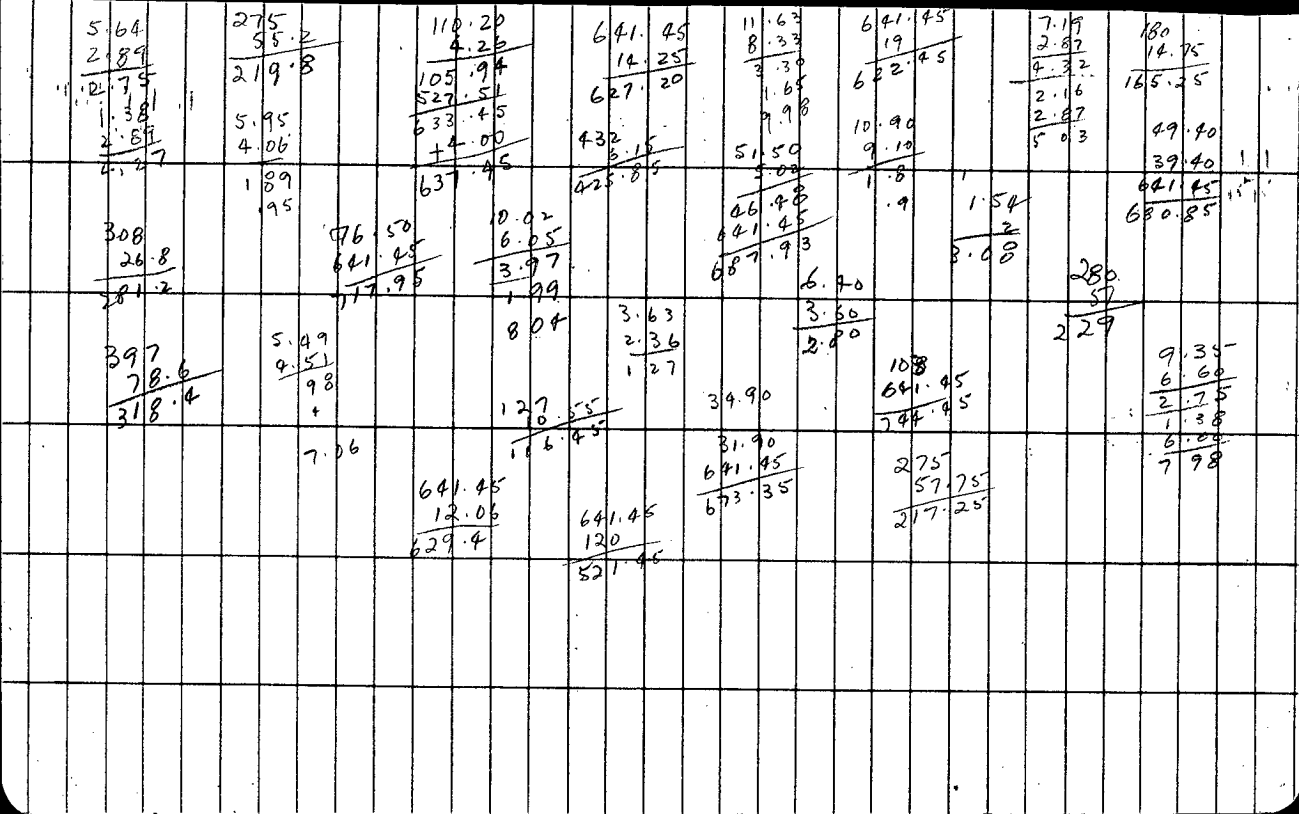
325.8
6.85
318.95
140.59
459.54

10.75
.25
10.50

5.25
.25
5.50

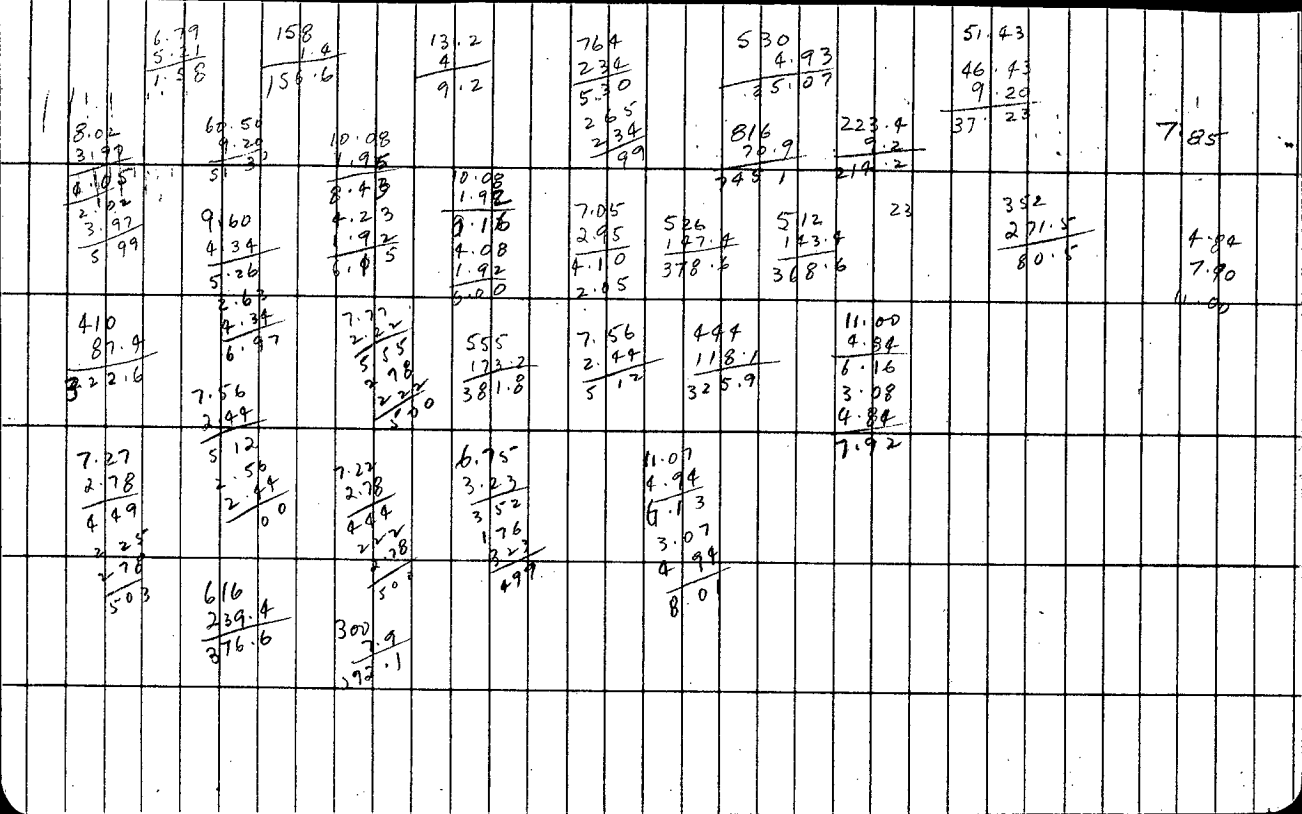
Backsight on C	3.21	5.75	8.31	4.1	-19.9	5.10	20.94	489.06	-101.60	[+133.24] -107.35	(+140.59)
Ore #1 Scree base	2.27	5.77	9.26	71	+8.4	6.99	5.00	694.00	+58.70	+52.93	+193.52
"	3.00	5.00	7.00	/	+1.1	4.00	/	400.00	+4.40	-.60	+140.00
"	5.37	7.00	8.66	6.7	+25.0	3.29	22.02	306.98	+82.25	+75.25	+215.84
"	2.40	5.00	7.57	9.2	+28.9	5.17	47.50	469.50	+149.50	+144.50	+285.09
Outcrop below "A"	2.65	6.85	11.17	17.8	+38.2	8.52	151.80	700.20	+325.80	+318.95	+459.54
outcrop base right of "A"	1.32	6.58	11.50	17.25	+37.8	10.18	175.50	842.50	+384.40	+377.80	+518.40
Red powder	.25	5.30	10.75	20.4	+40.4	10.50	214.00	836.00	+424.00	+418.70	+559.30
Outcrop middle scree	0.45	6.20	12.00	22.0	+41.4	11.55	254.00	901.00	+478.00	+471.80	+612.40

Friday 1st August — #1 Showing



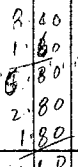
Grass Knoll above "A"	2.89	4.26	5.64	20.1	40.1	2.75	55.20	219.80	+110.20	+105.94	+631.45	1641.45
Small outcrop	4.06	5.00	5.95	/	-4.9	1.89	/	189.00	-9.25	-14.25	+627.20	
Creek	8.33	10.00	11.63		-2.7	3.30	/	330.00	-9.00	-19.00	+622.45	
Crest ozbirds	2.87	5.02	7.19	1.42	+1.9	4.32	6.15	425.85	+51.50	+46.48	+687.93	
Small outcrop	9.10	10.00	10.90	8.20	+27.4	1.80	14.75	165.25	+49.40	+39.40	+680.85	
Base ridge outcrop	/	10.00	11.54	8.7	+28.1	3.08	26.80	281.20	+86.50	+76.50	+717.95	
Top "	6.05	8.02	10.02	19.8	+39.8	3.97	78.60	318.90	+158.80	+150.00	+791.45	
Pinnacle atop "A"	6.40	5.00	3.60	18.2	+38.6	2.80	51.00	229.00	+108.00	+103.00	+744.45	
Atop Shaley	2.36	3.00	3.63	8.3	+27.5	1.27	10.55	116.45	+34.90	+31.90	+673.35	
Atop Granite	4.51	5.00	5.49	.53	-7.2	.98	.52	97.50	-7.06	-12.06	+629.70	
Point Ridge outcrop	6.60	8.00	9.35	21.0	-40.7	2.75	57.75	217.25	-112.00	-120.00	+521.45	

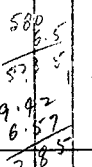
FRIDAY 1st August - #1 Showing ✓

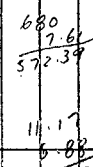


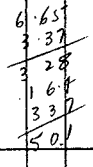
From B creek Bend	5.21	6.00	6.79	.89	-9.3	1.58	1.41	156.6	-14.70	[-9.20] -20.70	-29.10	
△ 400S/800W	2.34	5.00	7.62	.93	+9.7	5.30	4.93	525.07	+51.48	+46.43	+37.23	
△ 800S/800W	3.97	6.00	8.02	2.69	+16.1	4.05	10.90	404.10	+66.50	+60.50	+51.30	
Slope	1.92	6.00	10.08	8.7	+28.1	8.16	70.90	745.1	+229.40	+223.40	+214.20	
											218.00	
400S/100N	2.95	5.00	7.05	2.13	+4.10	4.10	87.40	322.6	+168.00	+163.00	+381.00	
△ 400S	4.34	7.00	9.60	28.0	+44.9	5.26	147.40	378.6	+236.20	+229.20	+447.20	
△ 800S	2.22	5.00	7.77	31.2	+46.4	5.55	173.20	381.8	+251.90	+252.90	+470.90	
800S/100W	2.44	5.00	7.56	28.0	+44.9	5.12	143.40	368.6	+230.00	+225.00	+443.00	
" /200W	2.78	5.00	7.22	26.6	+44.2	4.44	118.10	325.9	+174.00	+169.00	+387.00	
" /300W	3.28	5.00	6.75	22.85	+42.0	3.52	80.51	271.5	+148.00	+143.00	+361.00	
Buttress	4.84	7.90	11.00	38.8	+48.7	6.16	239.4	376.6	+300.00	+292.10	+510.10	

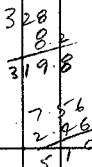
SATURDAY 2nd Aug. X lines 400S W 800S

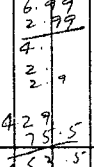


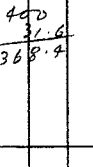


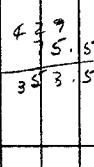












SATURDAY 2nd Aug

X - lines 400m } W
800m }

(5/3.75)

Buttress to 0+00	1.60	5.00	8.40		11.12	-10.5	6.80	7.61	672 39	-68.40	-73.40	440.35	
400S/100E	6.57	8.00	9.42		/	2.0	2.85	/	285.00	-5.70	-13.10	500.05	
400S/200E	3.37	5.00	6.65		2.5	+15.6	3.28	8.20	319.80	+51.10	+46.10	559.85	
1+/300E	2.99	5.00	6.99		7.9	+27.0	4.00	31.60	368.40	+108.00	+103.00	616.75	
800S/200E	5.01	6.01	7.01		10.0	+30.0	2.00	20.00	180.00	+60.00	+54.00	567.75	
	5.40	6.00	6.60		11.72	+13.0	1.20	2.60	117.40	+15.60	+9.60	523.35	
	2.46	5.00	7.54		/	0.2	5.10	/	510.00	-1.02	-6.02	507.73	
High Ridge	6.88	9.00	11.11		12.6	+38.1	4.29	75.50	353.5	+163.40	+154.40	668.15	
												(672.25)	
①						-11.1							
②													
③				8°43'		-15.0	21.59			-331.1		341.2	
④				8°12'		-14.1	21.98			-316.7		355.6	
⑤				7°25'		-12.8	23.41			-304.7		367.6	
⑥				7°25'		-12.8	24.52			-319.3		353.0	

6.61
5.39
122
61
39

3.76
2.23
153

6.90
1.72
4.78

672.25
4.78
667.47

9.69
6.30
3.39
1.80

6.48
3.50
2.98

298
34
264

94.8

354
25.16
3288.84

4.18
8.2
2.36
1.18
0

8.59
5.38
3.21
1.69
6.99

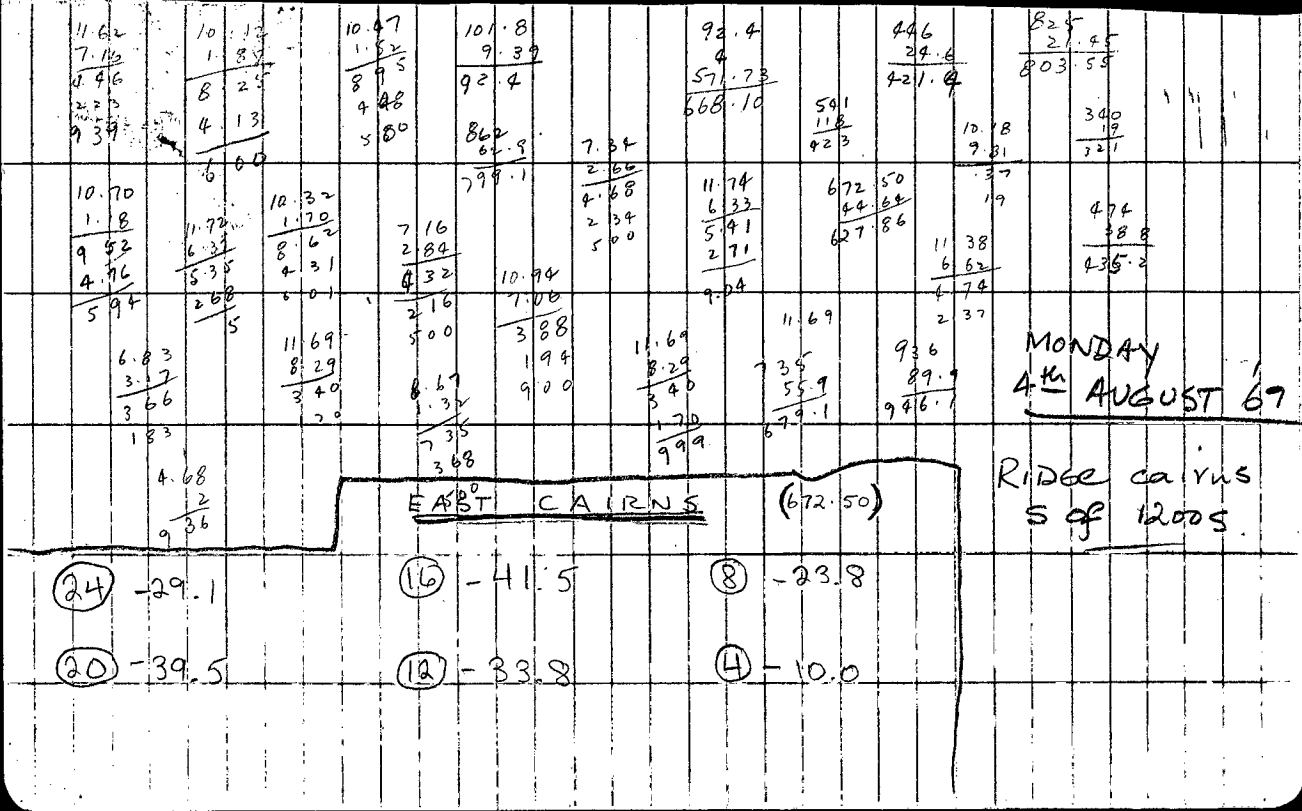
3.21
10.3
310.7

672.25
55.7
616.55

10.77
0.23
354
177
4.00

											(+672.25)	
400S/400E	5.39	6.00	6.61		/	+1.0	1.22	/	122.00	+1.22	-4.78	+667.47
base Kr 1	6.30	8.00	9.69		/	+3.1	3.39	/	339.00	+10.50	+2.50	+674.25
Crest "	3.50	5.00	6.48		11.4	+31.8	2.98	34.00	264.00	+94.80	+89.80	+762.05
400S/500E	2.23	3.00	3.76		/	-1.9	1.53	/	153.00	-2.82	-5.82	+666.43
" /600E	1.82	3.00	4.18		.91	-9.15	2.36	2.14	233.86	-22.40	-25.40	+646.85
" /700E	5.38	7.00	8.59		3.2	-17.1	3.21	10.30	310.70	-48.70	-55.70	+616.55
Base " "	7.23	9.00	10.77		7.1	-26.7	3.50	25.6	328.84	-91.00	-82.00	-590.25

SATURDAY 2nd Aug X - lines 400N } W
800N }


MONDAY
4th AUGUST 67
EAST CAIRNS
(672·50)
RIDGE cairns
5 of 1200s.
(24) -29.1
(16) -41.5
(8) -23.8
(20) -39.5
(12) -33.8
(4) -10.0

[571.73]

From 24005/300W	7.16	9.39	11.62		5.5	+22.8	4.46	24.6	421.7	+181.8	+792.4	+669.10	(672.50)
12005/100E	1.87	6.00	10.12		2.6	-15.9	8.25	21.45	803.55	-131.10	-137.10	+535.40	
" /300E	1.52	6.00	10.47		6.15	-24.0	8.95	55.00	840.00	-214.40	-220.40	+452.10	
" 400E	1.18	5.92	10.70		9.25	-29.6	9.52	88.00	864.00	-276.00	-281.92	+390.58	
" /100W	1.90	6.00	10.32		7.3	-26.6	8.62	62.90	799.10	-224.00	-230.00	+442.50	
A 16005	2.84	5.00	7.16		6.0	-23.8	4.32	25.90	406.10	-102.90	-107.90	564.60	
" /100W	2.66	5.00	7.34		13.9	-34.5	4.68	65.10	402.90	-161.60	-166.60	505.90	
" /200W	6.33	9.00	11.94		21.8	+41.25	5.41	118.00	423.00	-223.40	-232.40	440.10	
A 20005	9.81	10.00	10.18		1.46	-12.0	.37	.54	36.46	-3.94	-13.94	658.56	
24005/200W	7.06	9.00	10.94		.86	-9.2	3.88	3.34	385	-35.64	-44.64	627.86	
" /100W	3.7	5.00	6.83		.74	+8.1	3.66	2.71	363	+31.84	+26.84	699.34	
A 24005-(24)	8.29	10.00	11.69		5.6	+23	3.40	19.05	(371) 345	+78.25	+68.25	740.75	
25005	6.62	9.00	11.38		8.2	+27.5	4.74	38.80	435.2	+130.20	+121.20	793.70	
Knife 20010	1.32	5.00	8.67		7.6	+26.6	7.35	55.90	699.10	+195.80	+190.80	863.30	
"	.32	5.00	/		9.6	+29.4	9.36	89.90	946.10	+275.40	+270.40	942.90	

+37.23
+3.77
41.00

8.24
3.78
4.46
2.23
6.11

8.22
3.78
4.44
2.22
6.00

41.00
14.88
26.12

11.62
6.40
5.22
2.61
9.01

10.52
5.47
5.05
2.53
8.00

5.05
8.5
496.5

420
16.75
403.25

73.10
41.00
32.10

522
2.40
497.56

10.09
5.91
4.08
2.04
7.95

520
11.95
508.05

10.07
5.90
01

10.10
5.90
4.20
2.10
8.00

8.52
1.47
7.05
3.53
5.00

114.50
41
73.5

705
6.06
698.94

682
24.65
657.35

134
41
93

9.39
2.57
6.82
3.41
5.90

876
33.3
842.7

173.50
41
132.50

702
92.6
609.4

10.38
1.62
8.76
4.38
6.00

8.61
3.41
5.20
2.60
0.01

10.10
1.96
8.20
4.10

10.08
1.92
8.06
4.03
5.95

6.23
3.26
3.47
1.74
5.00

11.55
4.53
7.02
3.51
8.04

20p — 100ft

300 — x

$x = \frac{100}{1} \times \frac{300}{20}$ 15

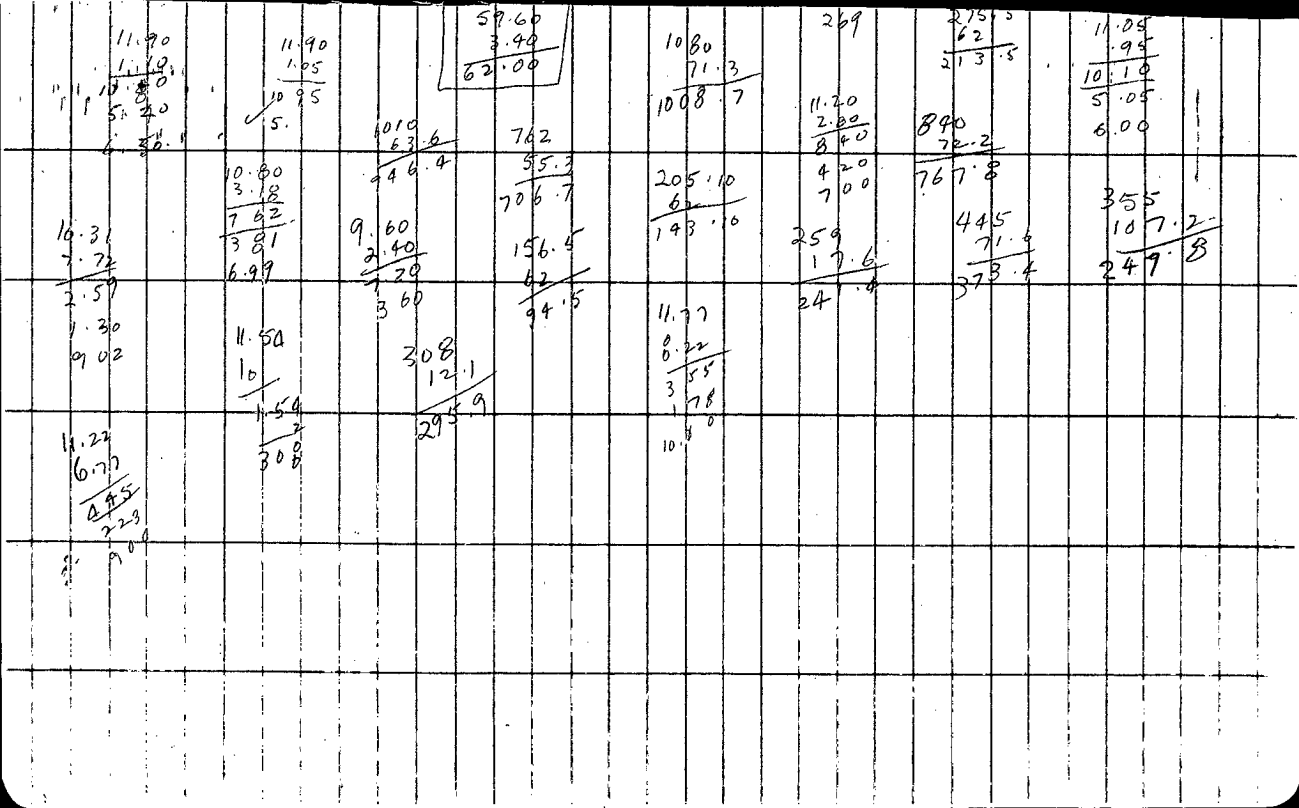
1500ft

From 4+00/800W)

(+41.00)

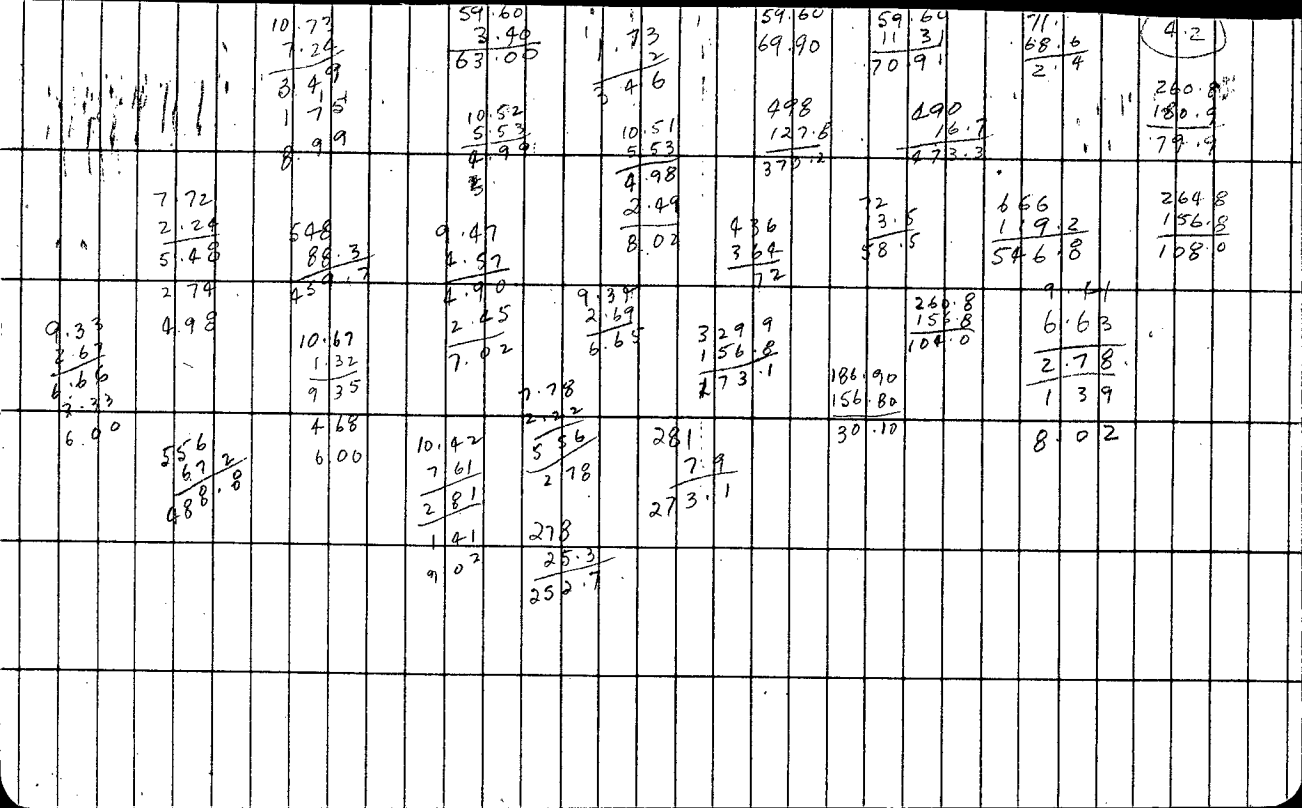
Δ 0+00/800W	3.78	6.00	8.22	/	−.2	4.44	/	444	−8.88	−14.88	+26.12
Risley Claim posts	5.47	8.00	10.52	1.68	−12.9	5.05	8.49	496.50	−65.10	−73.10	−32.10
Waterfall	5.90	8.00	10.10	3.99	−19.5	4.20	16.75	403.25	−82.00	−90.00	−49.00
Catenvo Claim posts	6.40	9.00	11.67	4.30	−20.2	5.22	22.44	499.56	−105.50	−114.50	−73.50
Cliff tongue base	1.47	5.00	8.52	.86	−9.1	7.05	6.06	698.94	−64.10	−69.10	−28.10
Creek/cliff	2.57	6.00	9.39	3.62	−18.8	6.82	24.65	657.35	−128.20	−134.20	−93.20
"	1.62	6.00	10.38	3.8	−19.1	8.76	33.30	842.70	−167.50	−173.50	−132.50
Ridge for waterfall	3.41	6.00	8.61	2.3	−15.0	5.20	11.95	508.05	−78.00	−84.00	−43.00
Δ 4+00N/800W	1.40	6.00	10.10	/	+3.0	8.20	/	820.08	+24.60	+18.60	+59.60
Zero outcrop	4.58	8.00	11.55	13.2	+33.9	7.02	92.60	609.40	+240.40	+232.40	+273.40
GD outcrop middle	3.26	5.00	6.78	14.4	+35.1	3.47	50.00	297.00	+122.00	+117.00	+158.00

Sat 9th Aug 1969 — Valley below Camp.



Creek from 400N/800W	7.10	6.50	11.90		6.6	-24.9	10.80	71.3	1008.3	-269.00	-275.50	-213.50
"	-.95	6.00	11.05		6.3	-24.2	10.10	63.6	916.4	-244.10	-250.10	-188.10
Channel	3.18	7.00	10.80		7.25	-26.0	7.62	55.3	706.7	-198.10	-205.10	-143.10
"	2.80	7.00	11.20		8.6	-28.1	8.40	72.2	767.8	-236.00	-243.00	-181.00
Slope	2.40	6.00	9.00		4.58	-20.9	7.20	33.0	687.0	-150.50	-156.50	-94.50
Slope base	7.72	9.00	10.34		6.8	-25.2	2.59	17.60	241.4	-65.30	-74.30	-12.30
Δ 800N/800W	/	10.00	11.54		3.9	+19.3	3.08	12.10	295.9	+59.50	+49.50	+111.50
Outcrop 700N	6.77	9.60	11.22		16.1	+36.8	4.75	71.60	373.4	+163.90	+154.90	+216.90
Slope	8.22	10.00	11.77		30.2	+46.0	3.55	107.20	247.8	+163.30	+153.30	+215.30

Monday 11th Aug 1969 - End of creek in valley.



Slope from 4400N/8100W	7.24	9.25	10.73			+4.1	3.49	/	3.49	+14.60	+5.60	68.60	
Backright	/	10.27	12.00			-3	3.46			-1.04	-11.31	(71.00)	
Outcrop	5.53	8.00	10.52		25.6	+43.6	4.98	127.80	370.2	+217.40	+209.40	280.40	
"	2.24	5.00	7.98		16.1	+36.8	5.48	88.30	459.7	+202.00	197.00	268.00	
Slope	4.57	7.00	9.47		3.4	+18.1	4.90	16.70	473.3	+88.60	81.60	152.60	
										(4.20)		(156.80)	
1200N/800W	3.64	4.00	4.36		18.7	+39.0	.72	13.50	58.5	+28.10	24.10	180.90	
Glacial	2.67	6.00	9.33		17.9	-38.25	6.66	119.20	546.8	-254.80	-260.80	-104.00	
Claim post Risby 9,10,11,12	2.69	6.00	9.34		18.5	-38.3	6.65	123.00	542.00	-258.00	-264.80	-108.00	
Glacial	1.32	6.00	10.67		13.9	-34.6	9.35	130.00	905.00	-323.90	-329.90	-173.10	
Slope	2.28	5.00	7.78		12.1	-32.7	5.56	67.20	488.8	-181.90	-186.90	-30.10	
"	7.61	9.00	10.42		2.8	-16.5	2.81	7.90	273.1	-46.50	-55.50	+101.30	
	6.63	8.00	9.41		9.1	+28.9	2.78	25.30	252.7	+80.40	72.40	229.20	

Saturday 16th Aug 1969 — 1200N } W + valley outcrops.
1600N }

5.81
14.19
.62

7.53
6.49
104
52
7.01

1.39
2
278

236
75.4
160.6

233.20
7.04
226.16

104
19.98
84.02

7.52
4.10
312
156
59.6

200
25.8
174.2

312
100.4
211.6
11.05
8.94
211
1.26
9.50

233.20
77.70
155.3

6.16
3.80
2.36
1.18
4.98

233.20
10.35
222.85

211
1.43
209.57

													233.20
1600W/700W from slope	4.19	5.00	5.81			-3.3	1.62		162.00	-5.35	-10.35	222.85
" 800W		11.00	12.00		12.9	33.4	2.00	25.80	174.20	-66.90	-77.90	155.30
Slope		10.00	11.39		.78	+8.8	2.78	2.16	275.84	+24.44	14.44	247.64
Outcrop	6.49	7.00	7.53		19.2	+39.5	1.04	19.98	84.02	+41.08	36.08	269.28
1600W/400W	4.[illegible]	6.00	7.52		32.2	+46.7	3.12	100.46	211.6	+145.90	139.90	373.10
Outcrop	3.60	5.00	6.16		31.9	+45.9	2.36	75.40	160.6	+108.20	103.20	336.40
"	8.90	10.00	11.05		.67	+8.1	2.11	1.43	209.57	+17.10	7.10	240.30

Saturday 16th August 1969 — 1200N / 1600N } W — + valley outcrops.

11.70
10.30
1.40
2.52
3.92

1.40
44.8
95.2

7.93
3.17
4.80
2.40
5.53

244.5
76.3
168.2
386
127
259

7.93
4.02
3.86
1.83
5.50

244.9
187.1
56.8

44.20
244.80

6.67
3.33
3.34

9.40
2.52
6.88
3.44
5.96

688
201.4
476.6

376
101.4
274.6

323.00
244.5
78.5

11.98
8.02
3.96

334
21.72
312.28

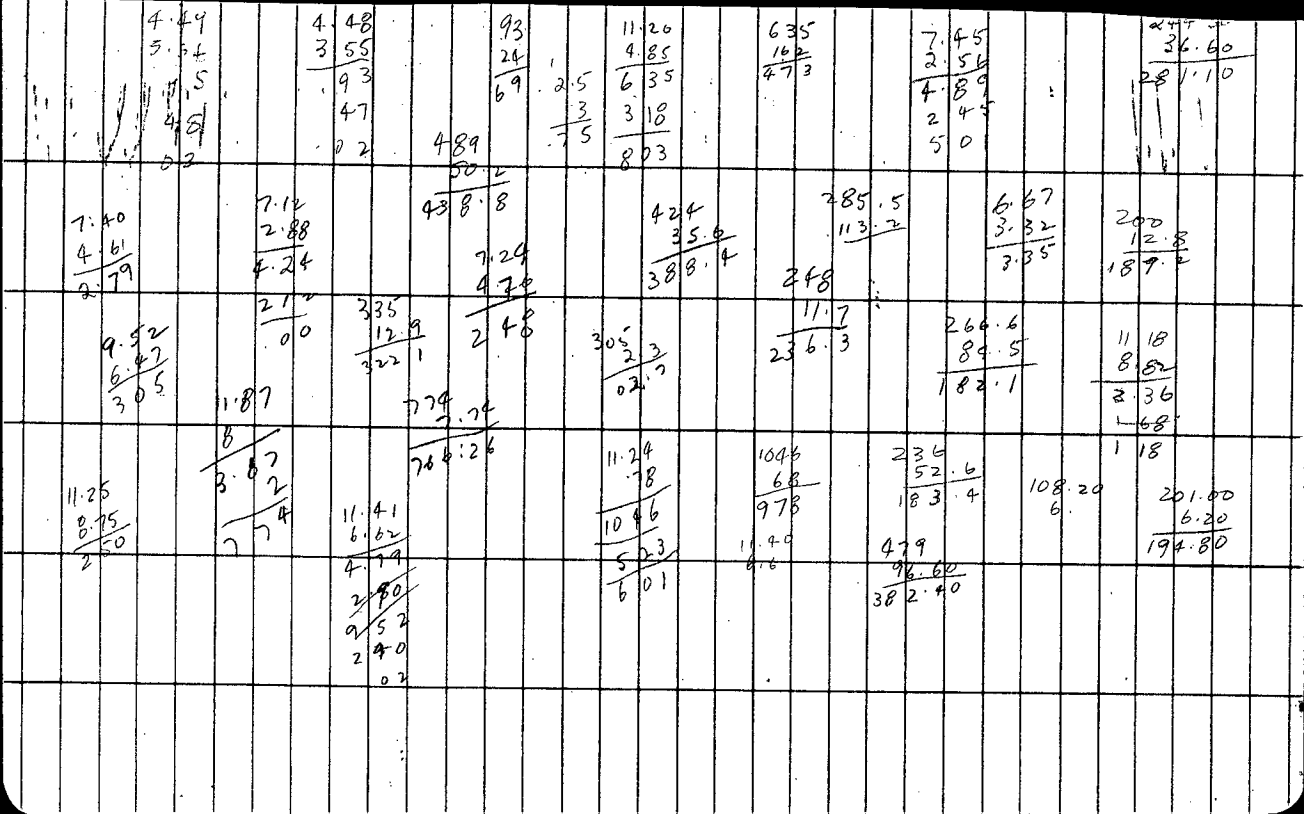
244.5
182.9
61.6

244.5
87.8
156.7

2000N/600W (Highway)	10.30	11.00	11.70	32.0	-46.6	1.40	44.80	95.2	-65.30	-76.30	168.20
Outcrop	4.07	6.00	7.93	22.9	-17.0	3.86	127.00	259.00	-181.70	-187.70	56.80
2400N/800W	2.52	6.00	9.40	30.7	-46.1	6.88	211.40	476.6	-317.00	-323.00	-78.50
Creek/ Highway	8.02	10.00	11.98	25.6	-43.6	3.96	104.40	294.6	-172.90	-182.90	61.6
Outcrop/ ridge	3.33	5.00	6.67	6.5	-24.8	3.34	21.72	312.28	-82.80	-87.80	156.7

(344.50)

SUNDAY 17TH Aug 1969 — 2400N/800W



Top outcrop	3:56	4.00	4.48		25.8	+43.7	93	24.00	69.00	+40.60	436.60	281.10	
												(285.50)	
1600N.	4.86	8.00	11.20		25.5	+43.6	6.35	162.00	473.00	+276.50	268.50	553.00	
Kopje base	2.56	5.00	7.45		12.9	+33.5	4.89	50.20	438.80	+163.90	158.90	444.40	
2000N	2.88	5.00	7.12		8.4	+27.9	4.24	35.60	388.4	+118.20	113.20	398.70	
Middle cirque	4.76	6.00	7.24		4.7	+21.2	2.48	11.70	236.3	+52.50	46.50	332.00	
Outcrop	4.61	6.00	7.40		0.4	-6.2	2.79	1.10	277.90	-17.80	-23.30	262.20	

MONDAY 18th Aug — W side Kopjes.

												(266.60)	
Kopje base	3.32	5.00	6.67		3.84	+19.2	3.35	12.90	322.1	+64.40	59.40	326.00	
2400N	6.47	8.00	9.52		.75	-8.7	3.95	2.30	302.7	-26.60	-34.60	232.00	
Outcrop	/	8.00	11.87		1.0	-9.9	7.74	7.74	766.26	-76.50	-84.50	182.1	
Slope	.78	6.00	11.24		6.5	-24.7	10.46	68.00	978.00	-258.40	-264.40	2.80	
												(6.20)	
End outcrop	9.00	10.00	11.00		6.4	-24.4	2.00	12.80	189.2	-48.80	-58.80	-52.60	
Slope	8.32	10.00	11.18		22.3	-41.6	2.36	52.60	183.4	-98.20	-108.20	-102.20	
"	15	10.00	11.25		3	+5.6	2.50	7.50	249.00	+12.5	2.5	8.70	
"	6.63	9.00	11.4		20.2	-40.1	4.79	96.80	382.40	-192.00	-201.00	-194.80	

11.67
6.32
5130
265
8.92

530
89
441

194.80
4.4
199.2
-190.40
207.20
-397.60

Knoll	6.38	9.00	111.67		16.8	-37.4	5.30	89.00	441.00	-198.20	-207.20	-397.80

MONDAY 18th Aug – W side Koppes.

9.07
6.92
2.15
1.08
8.00

215
19.4
195.6

253
28.8
230.2

9.58
6.42
3.16

-99.10
66.90
32.20

7.26
4.73
2.53

693
151
542

314
19
295

672
105
567

39.8
32.6

28.6
4
x2.6
-24.6
39.8
-24.6
15.2

108.00
3
11.1 60
69.00
42.00

-108.00
3
-105.10
-69.50
174.50

174.50
4.5
179.00
66.90
245.90
-174.50
4.50
170.00
66.90

-103.10
-103.10
4.00
99.10

10.37
3.65
6.72

3.36
7.01

11.12
4.90
6.22

8.47
1.54
6.93
5.47

1.501

11.48
4.52
6.96

696
51.5

278.00
99.10
178.90

6.22
5.56
5.66

236.90
99.10
137.80

73
99.1
73.9

171.20
99.10
72.10

228
1.9
216.1

4.14
1.89
3.27
1.64
.51

644.5
5.65
4.35
1.30

99.10
16.70
82.40

4.14
1.86
2.28
1.64
5.92

4.14
1.86
2.28
1.14

-78.50
2.5
-76.0
47.4
-28.6

11.80
6.21
5.59

30.19
11.21

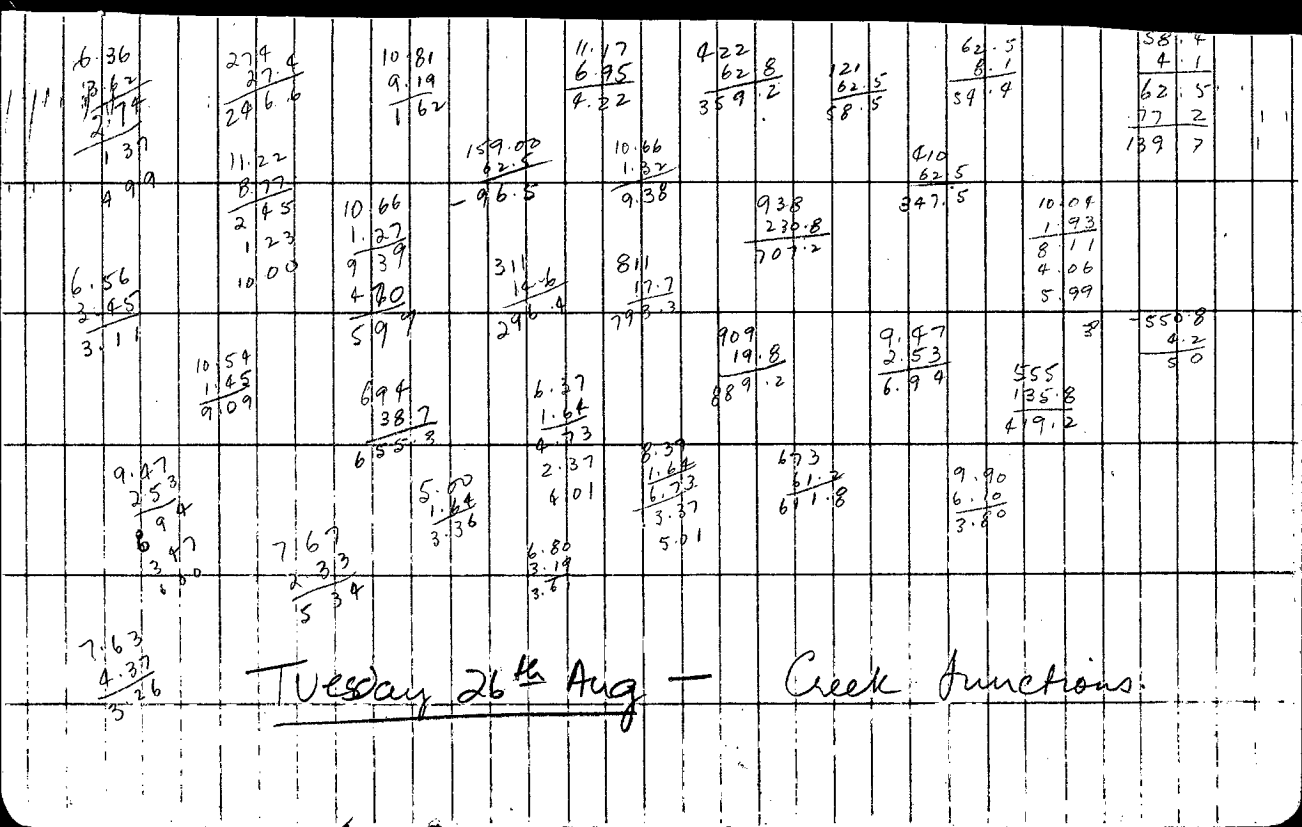
6.42
3.58
2.84

284
30.7
253.3

83
-24.6
58.4

TUESDAY 19th Aug 68 - 2000N/800W + outcrops.

Slope from claim P	6.98	8.00	9.04		9.0	-28.6	2.15	19.4	195.6	-61.50	+69.50	-174.40	
Slope	6.43	8.00	9.59		6.0	+23.7	3.16	19.00	297.00	+74.90	+66.90	-103.10	
Slope	6.73	6.00	7.24		9.0	+28.8	2.53	22.80	230.20	+72.90	+66.90	-99.10	(-99.10)
Top 1620 outcrop	1.54	5.00	8.47		21.8	+41.25	6.93	151.00	542.00	+283.00	+278.00	+178.90	-32.20
"	3.65	7.00	10.37		15.6	+36.25	6.72	105.00	562.00	+249.90	+236.90	+137.80	
Δ 2000N/800W	4.90	8.00	11.12		9.0	+28.8	6.22	56.00	566.00	+179.20	+171.20	+72.10	
End outcrop	4.52	8.00	11.48		7.4	+26.0	6.96	51.50	644.5	+181.00	+173.90	+73.90	
Slope	6.21	9.00	11.80		.72	+4.6	5.59	1.00	558.00	+25.70	+16.70	-82.40	
Slope from 2000N/800W	1.86	3.00	4.14		5.2	+22.1	2.28	11.90	216.10	+50.40	+47.40	-28.6	(-24.6)
2400N/800W from slope	4.35	6.00	5.65		13.8	+34.5	1.30	17.90	112.10	+44.80	+39.80	+15.2	
Slope from slope	3.58	5.00	6.42		10.8	+31.0	2.84	30.70	253.3	+88.00	+83.00	+58.40	


Tuesday 26th Aug — Creek Junctions

Cyclone floor	5.42	5.00	6.36		10.0	+30.0	2.74	27.0	246.6	+82.20	78.20	139.7	
"	9.19	10.00	10.81		/	+1.2	1.62	/	162.0	+1.90	-8.10	54.4	
Top bench	6.95	9.00	11.17		14.9	-35.5	4.32	62.80	359.2	-150.00	-159.00	-96.5	
Outcrop	8.77	10.00	11.27		28.6	-45.3	2.45	70.00	175.00	-111.00	-121.00	-58.5	
Slope	1.32	6.00	10.66		24.6	-43.0	9.38	230.8	707.20	-404.00	-410.00	-347.5	
												-352.0	
Slope	3.45	5.00	6.56		4.71	-21.1	3.11	14.6	296.4	-65.60	-70.60	-422.60	
Valley floor	1.93	6.00	10.64		2.18	-14.6	8.11	17.7	793.3	-118.50	-124.50	-476.50	
Split creek	1.46	6.00	10.54		2.18	-14.5	9.09	19.8	889.2	-131.80	-137.80	-489.80	
Creek	2.53	6.00	9.47		6.3	-24.1	6.94	38.7	655.3	-169.10	-173.10	-525.10	
"	1.64	5.00	8.37		9.1	-28.8	6.73	61.20	611.8	-193.80	-198.80	-550.80	
												-555.00	
Slope	2.33	5.00	7.67		7.5	+26.3	5.34	40.00	494.00	+140.80	+135.80	-419.20	
"	6.10	8.00	9.90		.96	+8.7	3.80	3.00	377.0	+33.20	+25.00	-530.00	
Other side Creek	6.37	6.00	7.63		.89	+9.2	3.26	3.00	323.0	+30.00	+24.00	-531.00	
"	3.19	5.00	6.80		/	-1.6	3.61	/	261.0	-5.80	-10.80	-565.80	

7.73
14.28
3145

345
5.5
2395

645
6.6
593.4

3.66
2.34
1.32

132
4.5
127.5

120
14.8
105.21

11.46
8.53
2.93

293
9.7
2833

5.82
4.77
1.65

165
3.7
162.3

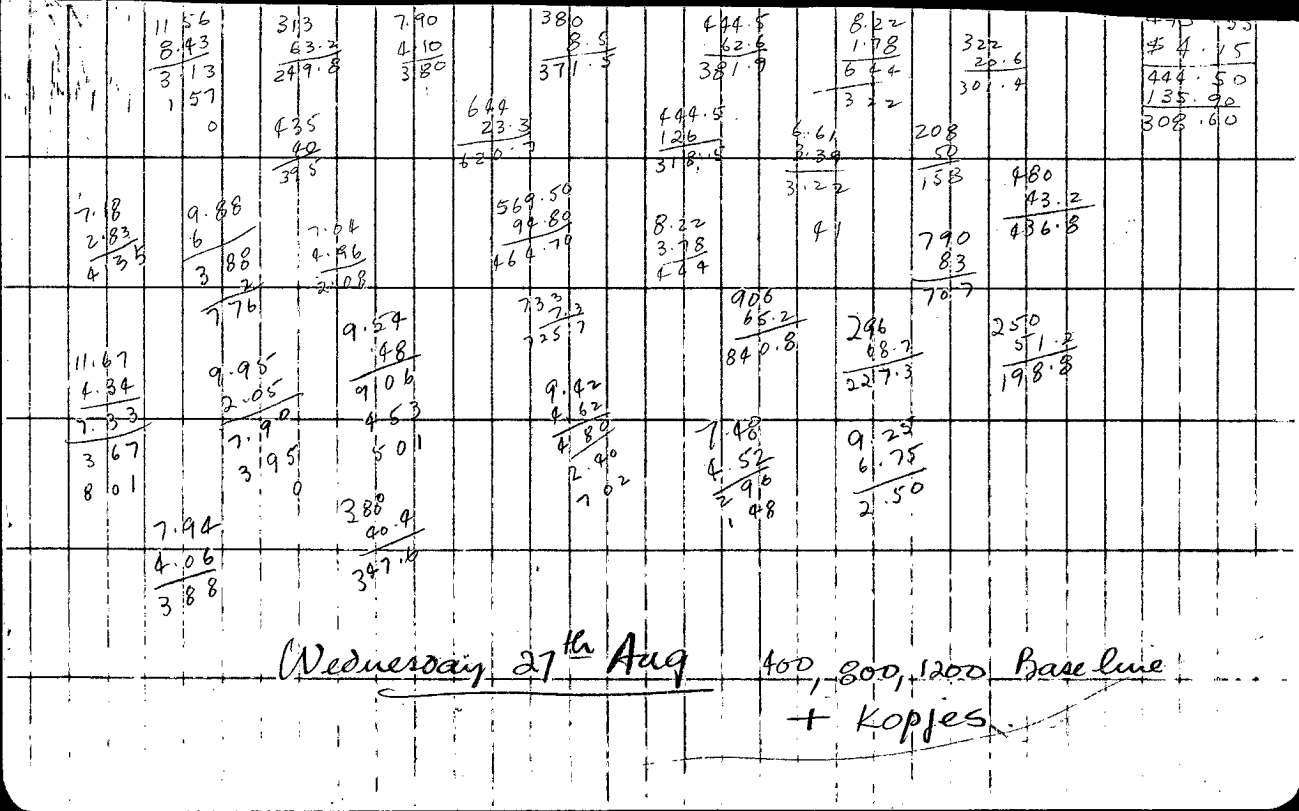
9.92
2.09
7.83
3.92
6.0

783
46.2
736.8

619.5
178
441.5

													-555.00
Creek Head	4.28	6.00	7.73		1.8	-13.2	3.45	5.50	339.80	-45.50	-51.50	-606.50	
Top junction	3.00	6.00	9.00		1.1	-10.5	6.00	6.6	593.40	-63.0	-69.00	-624.00	
													-619.50
Other creek	2.24	3.00	3.66		3.38	-18.0	1.32	4.50	127.5	-23.80	-26.80	-646.30	
"	5.40	6.00	6.60		12.3	-32.9	1.20	14.80	105.2	-39.50	-45.50	-665.00	
Below junction	8.53	10.00	11.46		3.3	-17.9	2.93	9.70	283.3	-52.50	-62.50	-682.00	
Slope	4.17	5.00	5.82		1.44	-12.9	1.65	2.70	162.3	-21.30	-16.30	-603.20	
"	2.09	6.00	9.98		5.9	+23.5	7.83	46.20	736.8	+184.00	+178.00	-441.50	

TUESDAY 26th Aug — Creek Junctions


Wednesday 27th Aug
400, 800, 1200 Baseline
+ Kopjes

(+444.50)

Pivot on from zero	8.43	10.00	11.56	20.2	+40.2	3.13	63.20	349.8	-125.90	+135.90	308.60
"	4.19	6.00	7.96	2.24	+4.9	3.80	8.50	371.5	-56.60	+62.60	387.90
"	1.78	5.00	8.22	3.62	+18.8	6.44	23.30	620.70	-121.00	+126.00	318.50
"	3.39	5.00	6.61	6.40	+24.3	3.22	20.60	301.90	+78.20	+73.20	517.70
Slope	2.83	5.00	7.18	9.2	+28.9	4.36	40.00	395.00	-125.80	+120.80	565.30
											(+569.50)
A Loop N from slope	4.96	6.00	7.04	26.00	-42.7	2.08	50.00	158.00	-88.80	-94.80	464.70
8+00 N.	3.78	6.00	8.22	.45	-6.8	4.99	2.00	442.00	+30.20	-36.20	533.30
Before 12+00N.	/	6.00	9.88	/	+4.8	7.76	/	776.00	+37.20	+31.20	600.70
Cliff base	4.34	8.00	11.67	1.0	+10.0	7.83	7.30	725.70	+78.80	+65.80	634.80
Peak	0.48	5.00	9.54	7.2	+25.8	9.06	65.20	840.80	+234.00	+229.00	798.50
"	2.05	6.00	9.95	10.5	+30.6	7.90	83.00	707.00	+242.00	+236.00	805.50
Crest	4.62	7.00	9.42	9.0	+28.5	4.80	43.20	436.80	+137.00	+130.00	699.50
Peak	4.52	6.00	7.48	23.2	+42.3	2.96	68.70	227.3	+125.20	+119.20	688.70
Crest	6.75	8.00	9.25	20.5	+40.4	1.50	51.20	198.8	+101.90	+93.80	662.70
GAP =	4.06	6.00	7.94	10.4	+30.5	3.88	40.40	347.60	+118.50	+112.30	681.80

6.59
3.47
3.07
28.2
278.0

6.94
3.06
3.88

388
12.6
375.4

6.66
5.34
1.32

1.32
17
115

7.50
4.51
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299
7.7
291.3

700
3.6
696.4

10.90
1.10
9.80

8.5
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7.0

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2.88
5.95

572
5.7
570.3

sin α cos α
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1.53 ✓

14 ✓ L C D

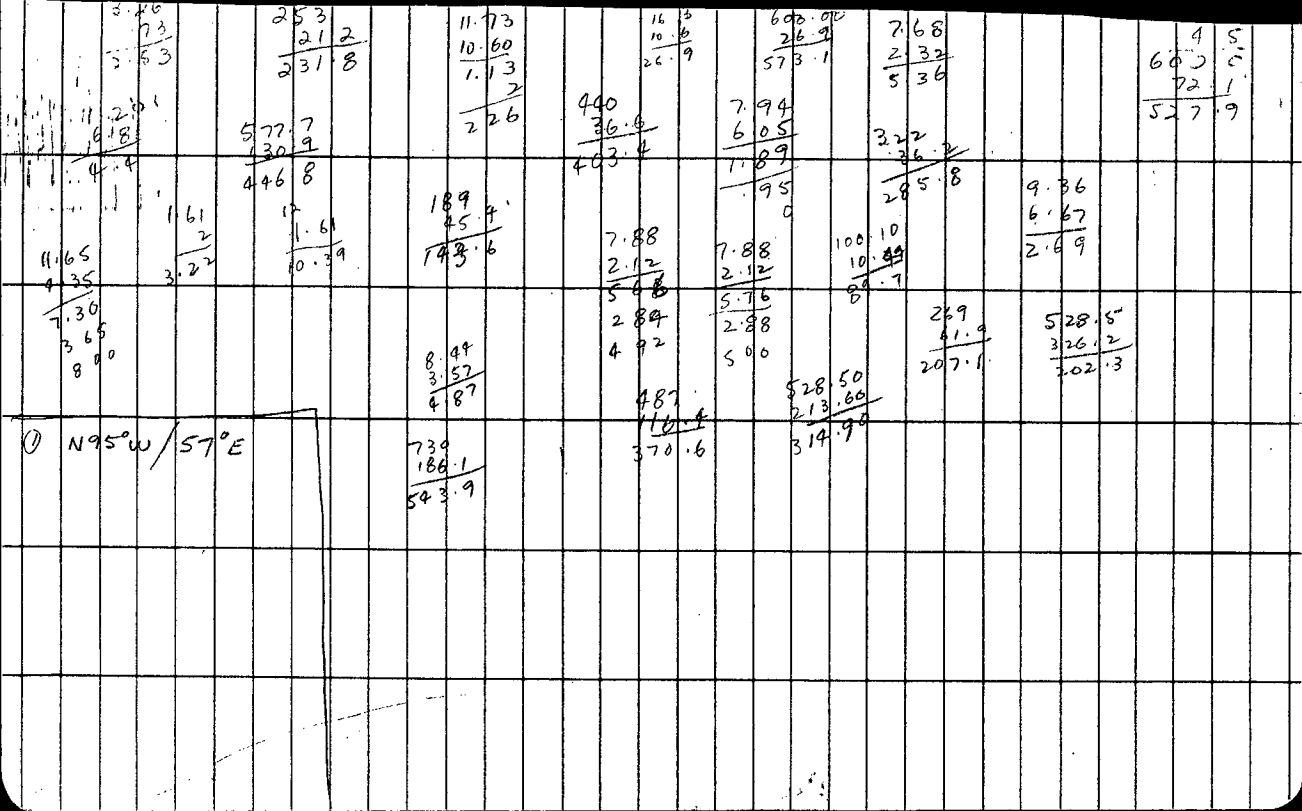
.265	.260	.255	-4°58'	.75	-8.7	.100	.075	9.925	-.870	1.53

(+569.50)

Gap	3.47	5.00	6.54		9.2	+29.00	3.07	28.20	278.80	+89.00	+84.00	653.50
Base Cliff	3.06	5.00	6.94		3.24	+17.8	3.88	12.60	375.40	+69.00	+64.00	633.50
"	5.34	6.00	6.66		12.9	+33.5	1.32	17.00	115.00	+44.20	+38.20	607.70
"	4.51	6.00	7.50		2.4	+15.2	2.99	7.70	291.30	+45.40	+39.40	608.90
												(658.50)
Outcrop from gap	1.10	6.00	10.90		1.8	-4.1	9.80	2.00	978.00	-40.20	-46.20	612.30
Edge Scree	1.50	5.00	8.50		.51	-7.1	7.00	3.57	696.40	-49.70	-54.70	603.80
Edge Outcrop	2.73	5.00	7.28		.90	-9.4	4.55	4.10	450.96	-42.80	-47.80	610.70
△ 0+07/8+07E	3.12	6.00	8.88		.99	-9.9	5.76	5.76	570.30	-57.00	-63.00	595.50

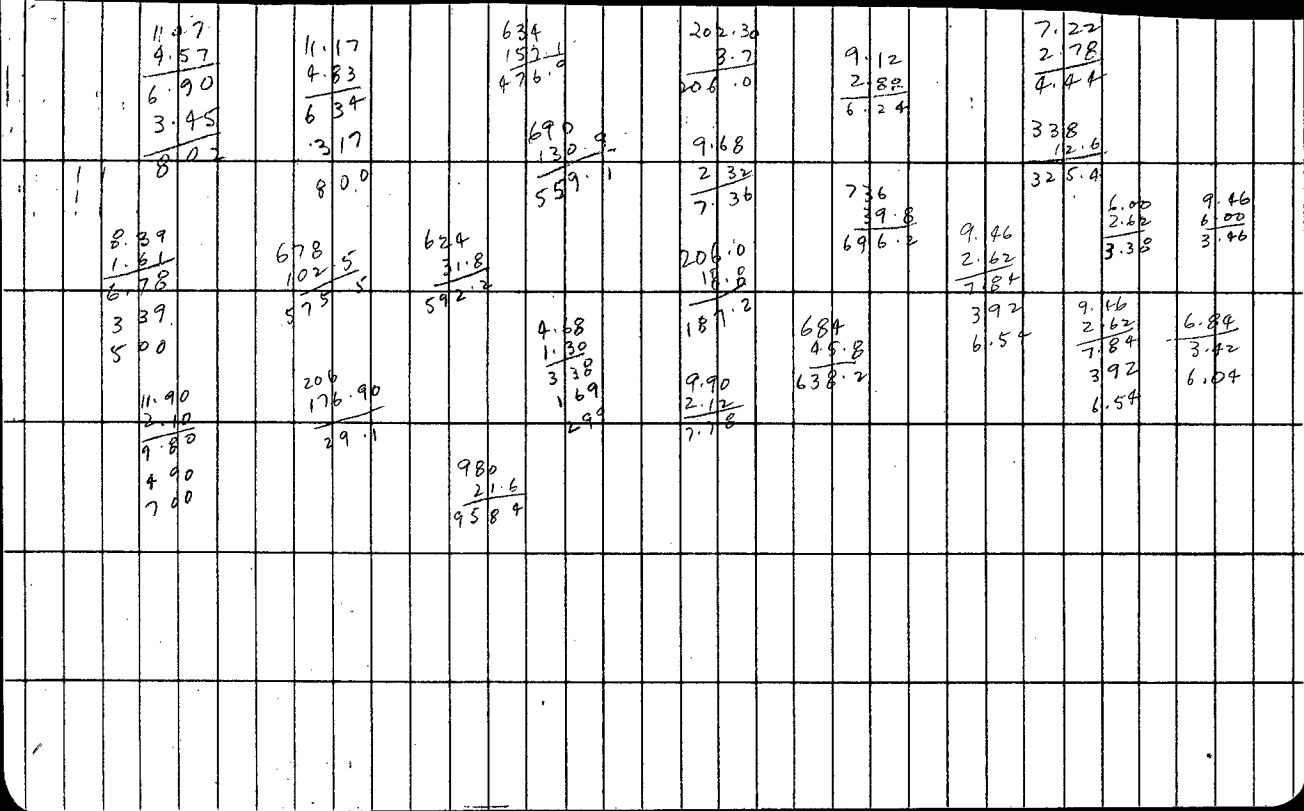
[500E on ridge crest]

Wednesday 27th Aug — 400, 800, 1200 Base Line
+ Koppies


1) N95°W / 57°E

													(+600.00)
Hump	-79	2.00	3.26		8.4	+27.7	2.53	91.20	2318	-70.10	-72.70	527.90	
Base outcrop	/	10.60	11.73		-52	-7.2	2.26	1.00	225.00	-16.30	-26.90	573.10	
Outcrop	6.80	9.00	11.20		8.3	-27.7	4.40	36.60	403.40	-121.90	-130.90	446.8	(577.70)
△ 4005/1000E	6.05	7.00	7.94		24.0	-42.7	1.89	45.40	143.6	-80.70	-87.70	490.00	
Scopc	2.12	5.00	7.88		7.0	-8.4	5.76	4.00	572.00	-48.40	-53.40	524.30	
													(+528.50)
Knife edge	3.00	6.00	9.00		/	+3.4	6.00	—	600.00	+20.40	+14.40	542.90	
"	2.32	5.00	7.68		61	+7.9	5.36	3.00	533.00	+42.30	+37.30	565.80	
"	/	(10.39 1.61)	0.00		10.9	+31.1	3.22	36.20	285.80	+100.10	+89.10	618.20	
	6.67	8.00	9.36		23.0	+42.1	2.69	6.90	207.10	+113.20	+105.20	683.70	
△ 8005/1000E	3.57	6.00	8.44		23.9	-42.6	4.87	116.40	370.60	-207.60	-213.60	314.90	
△ 12005/1000E	4.35	8.00	11.65		25.5	+43.6	7.30	186.10	543.90	-318.20	-326.20	202.30	
	2.1												

THURS 28th AUG — East Cirque +9810 Lakes



													(206.00)
Offset	4.83	5.00	11.10		24.8	+43.2	6.34	157.10	476.90	+274.00	+266.00	472.00	
"	4.57	8.00	11.47		19.1	+39.4	6.90	131.90	559.10	+272.00	+264.00	470.00	
"	1.61	5.00	8.39		15.1	+35.8	6.78	102.50	575.50	+243.00	+238.00	444.00	
"	2.88	6.00	9.12		5.1	+22.0	6.24	31.80	592.2	+137.10	+131.10	337.10	
"	2.32	6.00	9.68		5.4	+22.6	7.36	39.80	696.20	+166.30	+160.30	366.30	
Base Slope	2.78	5.00	7.22		/	-3.1	4.44	/	444.00	-13.80	-18.80	187.20	
1600$/1000€	1.30	3.00	4.68		3.92	-19.0	3.38	12.60	325.40	-57.00	-60.00	146.00	
Claim posts.	2.69	6.00	9.46		6.70	-25.00	6.84	45.80	638.20	-170.90	-176.90	29.10	
2000$/1000€	2.12	6.00	9.90		5.2	+7.2	7.78	4.00	774.00	+56.00	+50.00	256.00	
Bulge	2.10	7.00	11.90		2.2	+4.1	9.80	21.60	958.40	+138.10	+131.10	337.10	

THURS 28th AUG = EAST CIRQUE & GRID LINES

3.98
2.03
1.95

9.80
4.20
5.60

6.03
3.95
2.08
1.54
.49
1.09
.99

6.03
3.95
2.08
1.04
4.99

9.27
6.71
2.56

10.55
3.45
7.10
3.55
7

7.10
4.19
6681

7.08
4.92
2.16

537.10
4.70
371.80

													(+341.80)
Bridge	2:03	3:00	3:98		1:56	+12.5		1.95	3.00	192.00	+24.4	+23.40	363.20
2400S/1000E	3:05	5:00	6:03		3:72	+19.0		2:08	8:00	200.00	+39.60	+34.60	~~307.20~~ 376.40
River	3:45	7:00	10:55		5:9	+23.5		7.10	41.90	668.10	+166.90	+159.90	501.70
Creek	4:20	7:00	9:80		4.48	+26.9		5.60	25.00	535.00	+117.00	+110.00	451.80
2400S/800E	4:92	6:00	7:08		3:06	+17.2		2:16	7.00	209.00	+37.20	+31.20	373.00
Creek	6:71	8:00	9:27		/	-4.7		2:56	/	256.00	-12.10	+20.10	321.70

TOURS 28th AVG – EAST CIRQUE & GRID LINES

5.62
4.37
1.25

9.82
6.16
3.66

366
82.4
283.6

601.70
161.16
440.6

11.74
10.26
1.48

597.70
4
504.70

7.82
6.18
1.64

164
36.6
127.4

268
48.5
219.5

10.33
7.65
2.68
1.34
8.99

695.8
4.2
700.0

745.8
5.0
740.8
92
6788

6.32
5.68
.64

2.92
1.07
1.85

185
72
113

7.05
4.95
2.10

210
17.8
192.2

4.57
1.37
3.20
60
297

320
44.0
275.2

710.8
114
596.8

710.8
172.2
538.6

9.30
.68
8.62
43
499

5.45
.51
4.94
47
298

494
71.1
422.9

710.8
329
381.8

862
146.6
715.4

												(+601.70)
Outcrop	4.37	5.00	5.62		/	+5.8	1.25	/	1.25	+7.25	+2.25	603.95
Slope	6.16	8.00	9.82		22.5	−41.8	3.66	82.40	283.6	−153.10	−161.10	440.60
Base face	10.26	11.00	11.74		2.72	+16.2	1.48	4.00	144.00	+24.00	+13.00	614.70
FACE	7.65	9.00	10.33		18.1	+38.5	2.68	48.50	219.50	+103.10	+94.00	695.80
												(700.00)
Ridge crest.	6.18	7.00	7.82		22.1	+41.5	1.64	36.60	127.4	+68.00	+61.00	761.00
												(765.40)
E CREST	5.68	6.00	6.32		1.0	+10.0	.64	.6	63.4	+6.4	+0.4	765.80
												(770.80)
Slope	.07	2.00	2.92		38.4	−48.6	1.85	72.00	113.00	−90.00	−92.00	678.80
Peak	4.95	6.00	7.05		8.5	−27.9	2.10	17.8	192.20	−58.50	−64.50	706.30
												(710.80)
Peak	1.37	3.00	4.57		14.0	−34.7	3.20	44.8	275.2	−111.00	−114.00	596.8
[illegible]	.51	3.00	5.45		14.2	−39.9	4.94	71.10	422.9	−172.20	−175.20	538.6
[illegible]	.68	5.00	9.30		17.0	−37.6	8.62	146.60	715.40	−324.00	−329.00	381.8

FRI 29th AUG — NE edge 8 Koppies

FINISH
KLAAR
PELELE

KITCHEN.

4 slabs bacon
4 cases eggs.
1 case milk
1 bail coffee (24)
1 plunger washer.
1 wash tub.

NAILS
1 ½ lbs 4" nails
2 ½ lbs 1¼"
1 ½ lbs 2"

1 case grape fruit juice
1 case paper cups.
Butcher twine
Spices
2 Cases small apple juice
2 Cases small orange crus
2 Cases trib instant pota
1 Case peaches
" Cherries
" pears
2 cases Coca cola.
Chocolate bars
Bakers semi-sweet choc
Fresh fruit
Canned vegetables.

SAM MCCLOUD 1 carton players filter.
CHARLIE OLIE 2 carton Export A filter
LIVINGSTON JOHNSON 1 pr large leather gloves.
1 Jackknife
LEE TURNER — 1 can export cig tobacco
3 Vogue papers
2 Cartons No 7 large cigs.

2 Swede saws.
8 bars hand soap.
3 5 gal cans naphtha
1 10 x 12 fly
1 14 x 16 fly.
6 machetes.
Coleman lamp mantles. & Tbb generator
8 wooden cots & foamies.
6 cases orange flagging
Couple of compasses
2 axes
1 box files
3 camp stoves
200ft rope
Speed sew

Goodyear Airship 11.15 - 11.30am { John Brock, Gordon Davis

Sam McLeod
Livingston Johnson
- Peter Fox
Charlie Olie
- Lee Turner

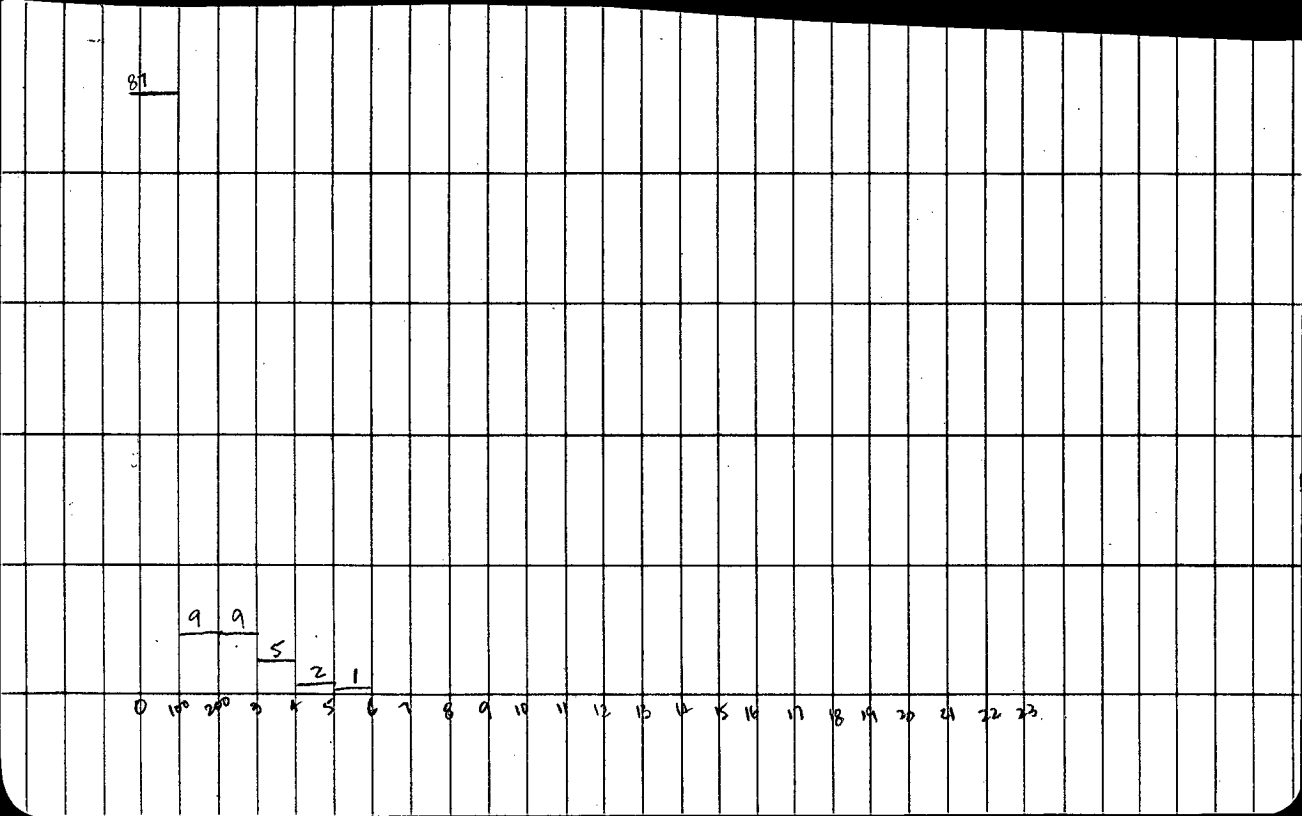
2	Bottles Hutch Cleaner
1	can Vogue tobacco - G. Gray
1	sack Potatoes
6	Shakers corn Salt
1	case Strawberries
1	case Cherries
1	case Peaches
6	Bottles Ketchup
4	Boxes Crackers
1	gallon Wrazola oil

The Minstrels sing of an English
King
Who lived long years ago.
He ruled his land with an Iron
hand
But his mind was mighty slow.
He was very fond of hunting
Out in the Royal Wood.
And very fond of pulling
Of pulling his Royal Pud.
By God how he pulled his pud.
All the clothes he wore was a
woolen undershirt
With which he tried to hide the
hide
But he couldnt hide the dirt

Now the Queen of Spain was
a spiffy old Dame
And a spiffy old dame was
she
She loved to fool with a
masters tool
From far across the sea.
She sent a royal message
With a Royal messenger
Inviting the King of England
To spend a month with her.
Now Philip of France when he
heard the news.
He said to his Royal Court

I guess she ~~pit~~ prefers my rival
Because my horn is short.
So he send the Duke of Sip-a-Sap
to give the Queen a dose of clap
That would cripple ~~th~~ Dear old England. —
When the news of this foul deed was noised
Around Westminsters halls.
The king he swore by the shirt he wore,
He would have that Frenchman's balls. —
So he offered halfe his kingdom
and the Whole of the Royal Hostens
To any Loyal Englishman
Who Would meet the king of France
Then the loyal Duke of Essex
Betook himself to France
He swore he was a faker
So the king took down his Pa
About his ~~dong~~ he place a thing.

Then merrily merrily gallopeed
Along
Back to the throne of England.
The king threw up his breakfast
And he shit right on the
floor.
For on that ride the Frenchman's
Pride
Had stretched a yard or more.
And all the ladies of London
town
Said "To hell with the British
Crown
So Phillip of France usurped
the throne of England.

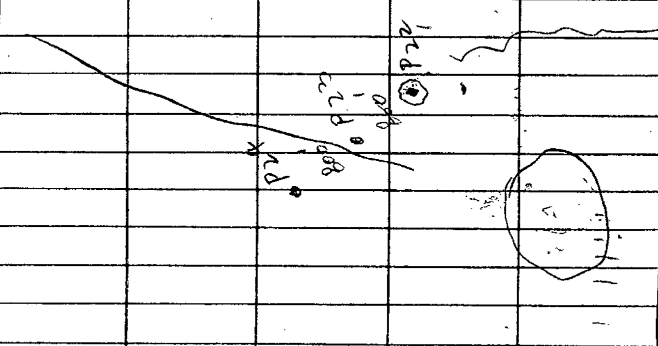

81
9
9
5
2
1
0 100 200 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23

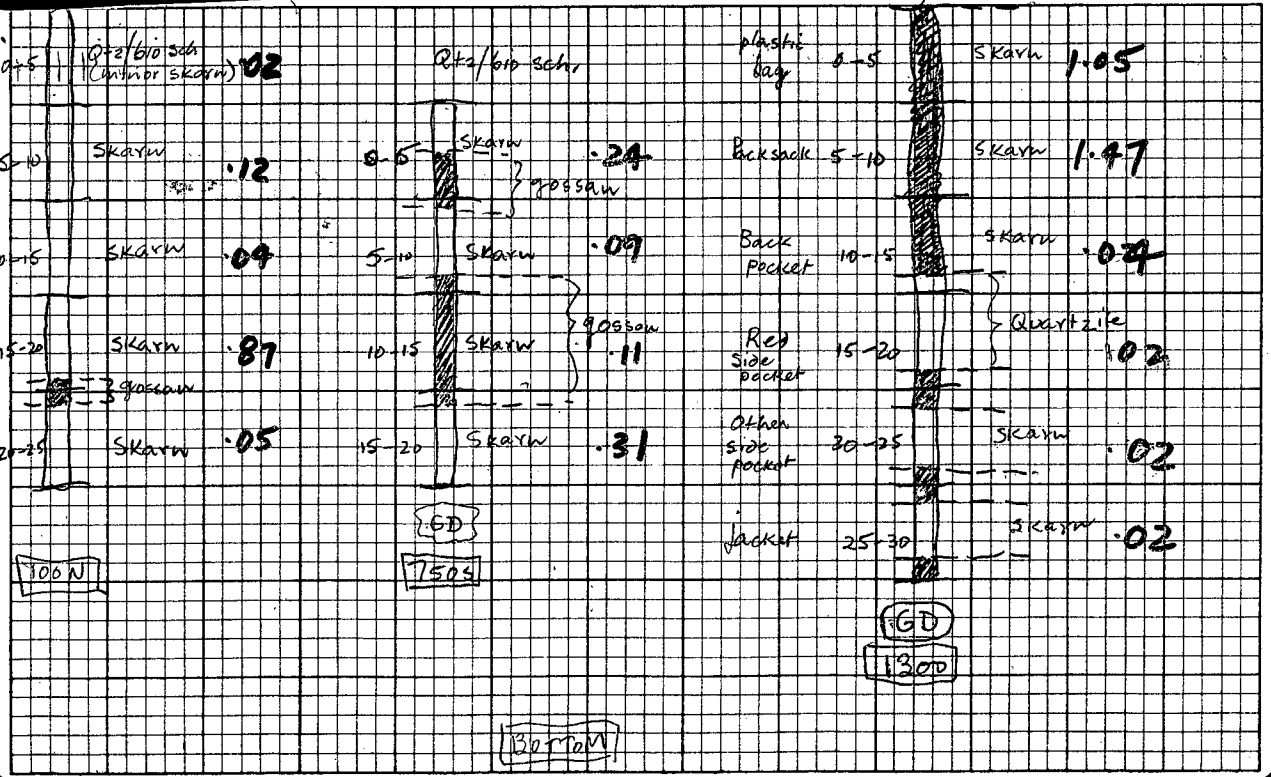
Camp 1 (Dog)

Sample

25) 3.30 = .13

25) 16.95 = .68



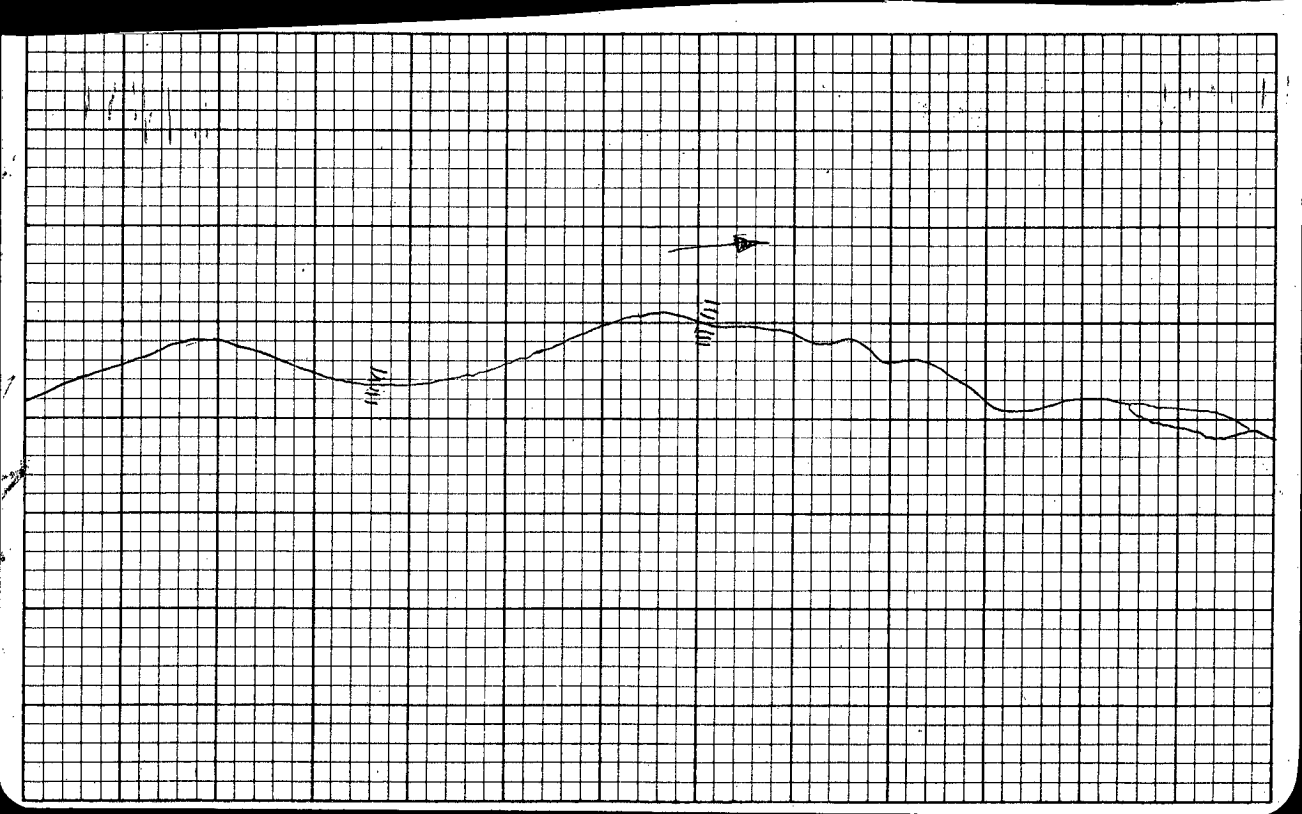

Qtz/bio sch
0-5
Qtz/bio sch (minor skarn)
.02
5-10
Skarn
.12
10-15
Skarn
.04
15-20
Skarn
.87
gossan
20-25
Skarn
.05
100N
Qtz/bio schist
0-5
Skarn
.24
gossan
5-10
Skarn
.09
10-15
Skarn
gossan
.11
15-20
Skarn
.31
GD
750S
BottoM
Qtz/bio sch
plastic bag
0-5
Skarn
1.05
Backsack
5-10
Skarn
1.47
Back Pocket
10-15
Skarn
.04
Quartzite
Red side pocket
15-20
.02
Other side pocket
20-25
Skarn
.02
Jacket
25-30
Skarn
.02
GD
1200

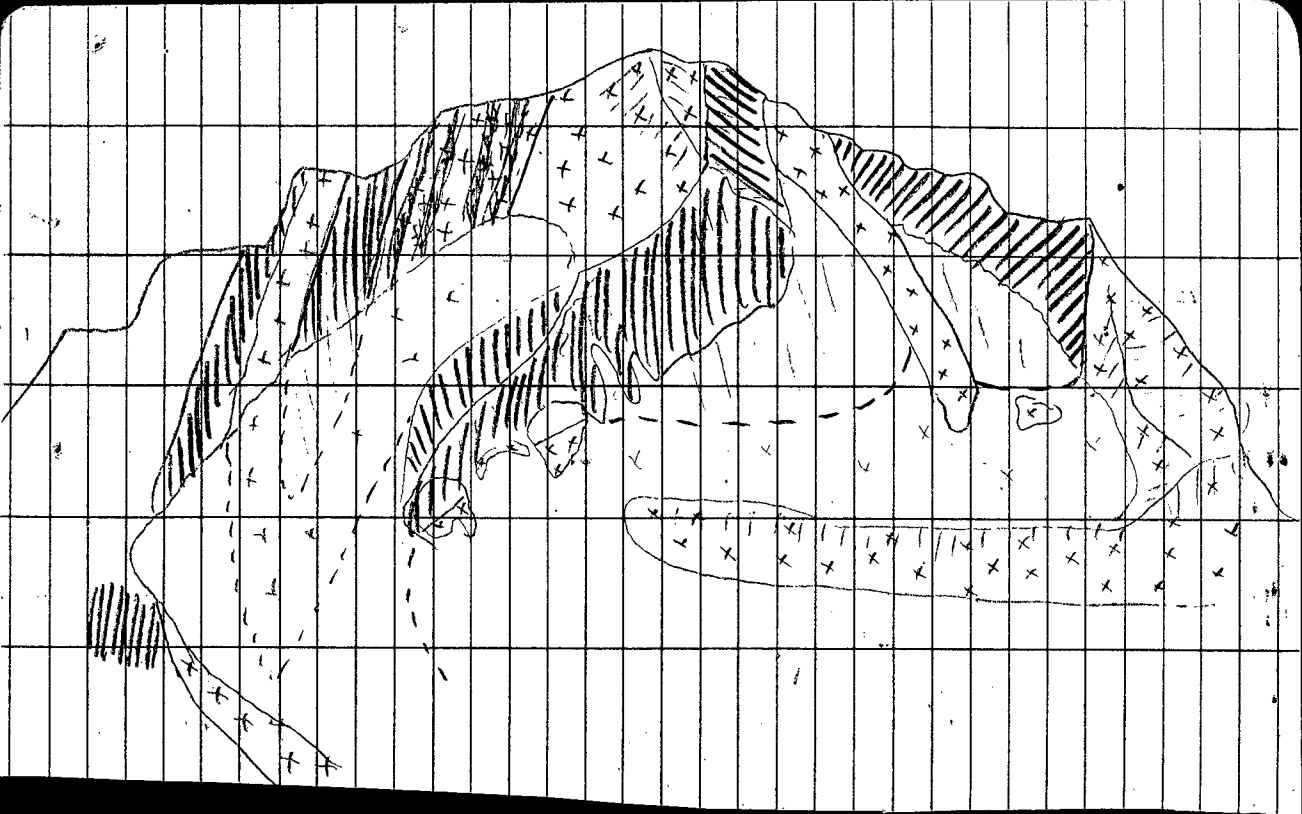
2400 N

(1) 5' heavy gossan + fg dissem sch. middle of 15' gossaned bio/qtz sch.

(2) 2' heavy gossan + fg dissem sch, 2' limestone band below, 4' gossaned bio/qtz sch above

(3) 1' heavy gossan + fg dissem sch, 3' gossaned Skarn above, GD contact below

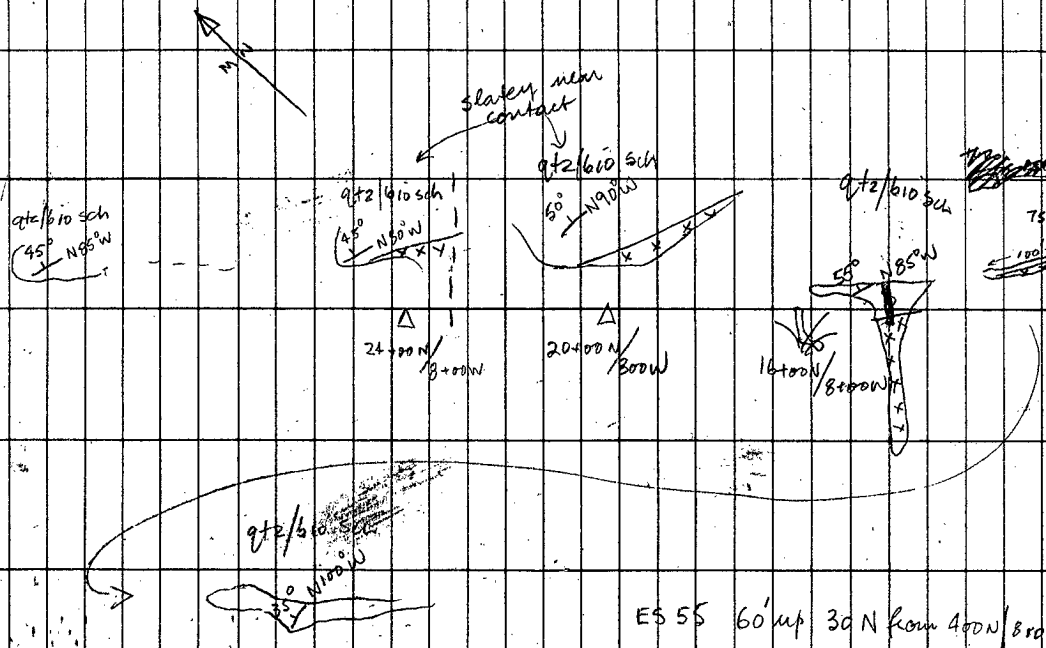




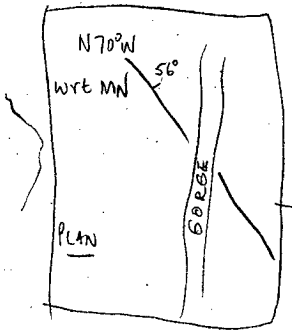
GEOLOGY NOTES (bearings w.r.t. MN)

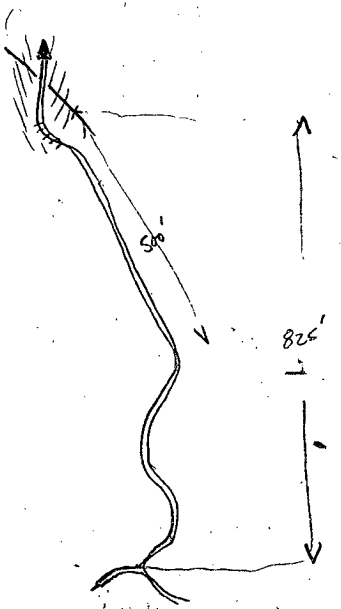
No 1 orebody Gossan/sch-diorite contact N20°W

W.Y.E. Magnetic North TUES 19th Aug 1969



ES 55 60' up 30 N from 400N/8ROW





$x = 70 - 35$

$= N35°W$ wrt. TN

$= 360 - 35$

$= 325 (-180)$

$= \underline{\underline{145°}}$

Charlie Wicks 2nd July to 22nd Aug.

Ray Wells 25th to 31st Aug

Harry Atkinson 31st Aug to