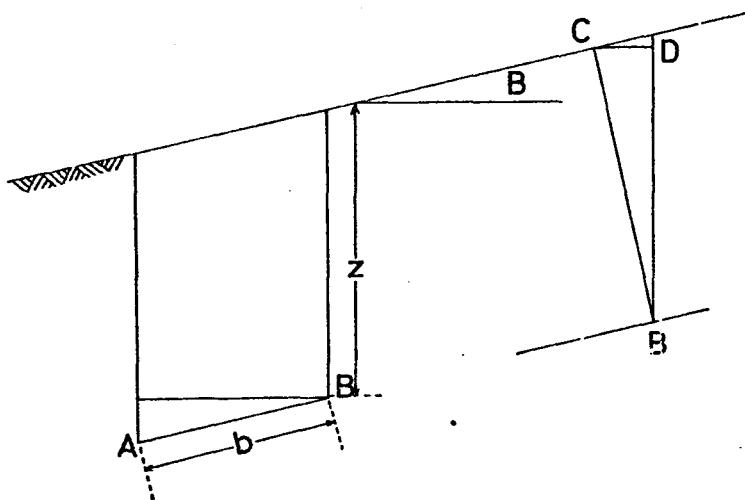


## APPENDIX A

### DERIVATION OF SLOPE STABILITY EQUATIONS

In shallow planar landslides, the length of the moving mass is much greater than the depth of regolith affected by the movement, so that upslope- and downslope-acting internal forces effectively cancel each other, and may be disregarded (Skempton, Hutchinson, & Neville, 1969, p.318).

Therefore the forces acting may be analysed on the basis of the situation shown below-



Let the inclination of the slope be  $B$ , the depth to the slip surface  $z$ , and the depth of ground water above this level  $mz$ .

Then the weight of soil material above the slip

surface AB is

$$\gamma z \cdot b \cos B$$

and this weight divided by the area over which it acts gives

$$\text{overburden pressure} = \gamma z \cos B$$

Hence the component of overburden pressure downslope (that is, the shearing component), is

$$\tau = \gamma z \sin B \cos B$$

To allow for the fact that the soil may at times become saturated to various depths, and that this water may seep downslope through the soil, we may proceed as follows-

Assuming that the flow lines run parallel to the slope surface (that is, that the soil is isotropic or that maximum permeability is in a direction parallel to the slope), it follows that the equipotential lines are normal to the slope. In the figure above, BC is an equipotential of length  $mz \cos B$  and the pressure head at B is the distance BD, equal to  $mz \cos^2 B$ .

Now the neutral (or porewater) pressure is equal to the product of the piezometric head and the unit weight of water, so that

$$u = \gamma_w m z \cos^2 B$$

According to the principle of effective stress, the effective stress is equal to the overburden pressure minus the neutral pressure.

Hence

$$\sigma' = (\gamma - \gamma_w) z \cos^2 B$$

If the shear strength parameters of the soil, in terms of effective stress, are  $c'$  and  $\phi'$ , then the shear resistance that can be mobilised on a slip surface is

$$s = c' + (\gamma - m\gamma_w) z \cos^2 B \cdot \tan \phi'$$

Then the factor of safety is

$$\frac{F = c' + (\gamma - m\gamma_w) z \cos^2 B \cdot \tan \phi'}{\gamma z \sin B \cos B}$$

The steepest slope which can exist has  $F$  equal to unity, so that

$$\gamma \sin B = c' + (\gamma - m\gamma_w) \cos B \cdot \tan \phi'$$

If  $c=0$  (as when using residual strength parameters), then

$$\tan B_{\max} = \frac{(\gamma - m\gamma_w) \tan \phi'}{\gamma}$$

and if the full depth of the soil is saturated, then

$$\tan B_{\max} = \frac{(\gamma - \gamma_w) \tan \phi'}{\gamma}$$

## APPENDIX B

### SLOPE PROFILE PLOTTING PROGRAM

This program allows slope profiles to be plotted at any scale using any vertical exaggeration and any unit length.

Profiles are normally plotted from the base upwards; to plot in the reverse direction, the sign of each reading must be reversed.

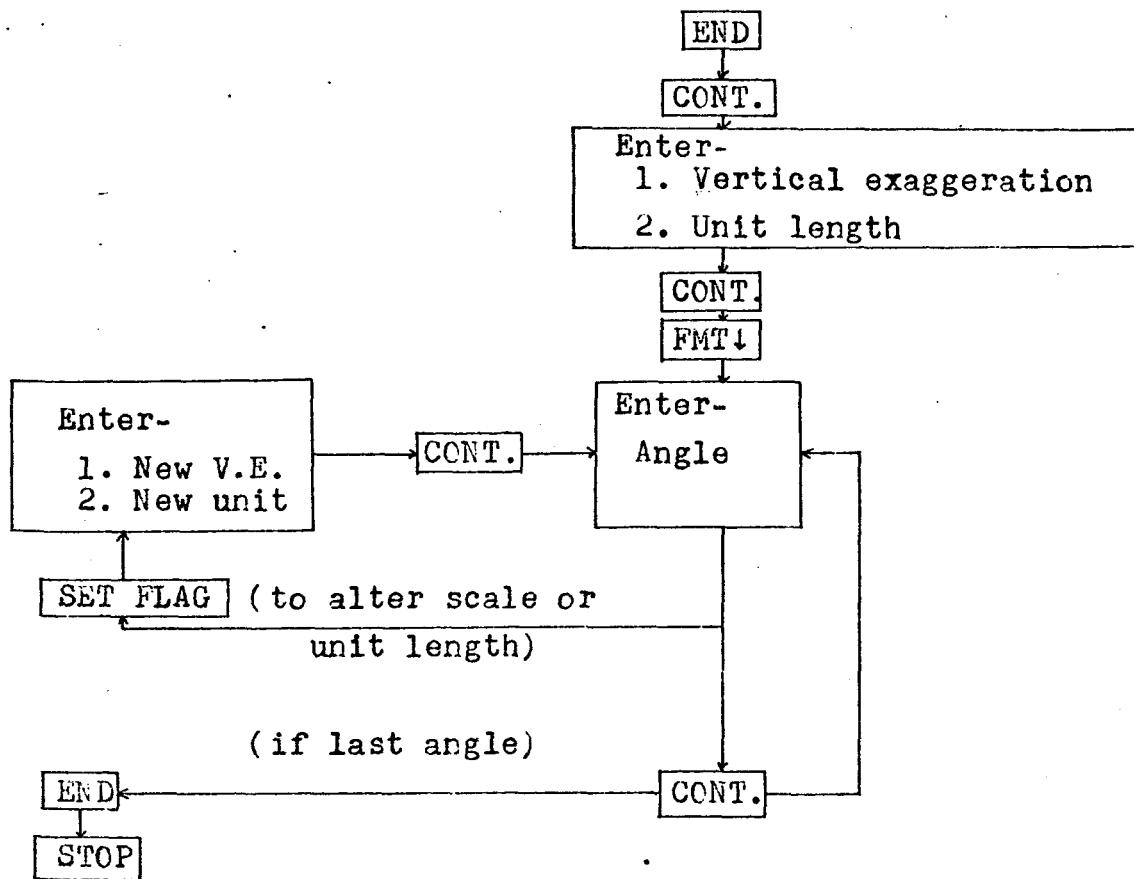
Visual display during plotting is as follows-

- z angle counter
- y average of all entered angles
- z value of last angle entered

The totals for x- and y-coordinates may be recalled from registers f and e.

Instructions for use of the program:

1. Enter the program.
2. Follow the key sequence below-



Step	Key	Code	X	V	T	Z	Display	Code	X	V	T	Z	Display	Code	X	V	T	Z	Display
0	0	/						210	clear	x				40	1/F	x>y			
1	1	x→						1	↑					1	5				
2	2	-						2	1/F	FLAG				2	6				
3	3	3						3	3					3	1				
4	4	x→						4	/					4	x→				
5	5	-						5	STOP					5	-				
6	6	0						6	x→					6	0				
7	7	clear						7	-					7	6				
8	8	STOP						8	2					8	x→				
9	9	GO TO						9	x→					9	-				
10	10	0						10	-					10	e				
11	11	d						11	/					11	↑				
12	12	SET FLAG						12	GO TO	3				12	5				
13	13	↑						13	0					13	0				
14	14	↓						14	c					14	-				
15	15	x→						15	x→					15	RCL				
16	16	x→						16	6					16	FMT				
17	17	α						17	↑					17	↓				
18	18	y→						18	x←					18	GO TO				
19	19	c						19	-					19	7				
20	20	x←						20	-					20	2				
21	21	3						21	↑					21	6				
22	22	↑						22	2					22	↑				
23	23	2						23	1					23	1				

Step	Key	Code	X	Y	Z	Display	Code	X	Y	Z	Display	Code	X	Y	Z
0	-	0	1	2	3	0	0	1	2	3	0	0	1	2	3
1	/	1	4	5	6	1	1	4	5	6	1	1	4	5	6
2	↑	2	7	8	9	2	2	7	8	9	2	2	7	8	9
3	$x \leftarrow$	3	0	0	0	3	0	0	0	0	3	0	0	0	0
4	-	4	0	0	0	4	0	0	0	0	4	0	0	0	0
5	0	5	0	0	0	5	0	0	0	0	5	0	0	0	0
6	GO TO	6	0	0	0	6	0	0	0	0	6	0	0	0	0
7	SUB	7	0	0	0	7	0	0	0	0	7	0	0	0	0
8	A	8	0	0	0	8	0	0	0	0	8	0	0	0	0
9	0	9	0	0	0	9	0	0	0	0	9	0	0	0	0
10	$x \rightarrow$	10	0	0	0	10	0	0	0	0	10	0	0	0	0
11	-	11	0	0	0	11	0	0	0	0	11	0	0	0	0
12	1	12	0	0	0	12	0	0	0	0	12	0	0	0	0
13	$\sin x$	13	0	0	0	13	0	0	0	0	13	0	0	0	0
14	↑	14	0	0	0	14	0	0	0	0	14	0	0	0	0
15	C	15	0	0	0	15	0	0	0	0	15	0	0	0	0
16	X	16	0	0	0	16	0	0	0	0	16	0	0	0	0
17	6	17	0	0	0	17	0	0	0	0	17	0	0	0	0
18	$\cos x$	18	0	0	0	18	0	0	0	0	18	0	0	0	0
19	↑	19	0	0	0	19	0	0	0	0	19	0	0	0	0
20	AC	20	0	0	0	20	0	0	0	0	20	0	0	0	0

## APPENDIX C

### COMPUTER PROGRAM 'CREST'

Data are entered on punched cards, using five columns for each reading, column 1 being for sign. Successive profiles are separated by a 79 column heading card. Each profile must be terminated by a dummy angle of 100.0 degrees.

Percentage of profile length represented by the unit length is calculated from the formula

$$\frac{100}{N}$$

Curvature is calculated from the relation

$$\frac{100(\theta_a - \theta_b)}{1.5}$$

in degrees per 100 metres. Curvature is expressed as a positive value when slope angle is increasing upslope.

```
PROGRAM CREST
COMMON THETA(200)
DIMENSION ANG(16),IFRE(100)
INTEGER EOFCKF
REAL KURT
REAL MEANC
ILE=1
IRANMAX=100
1 READ 99
IF.EOFCKF(60).EQ.1 GO TO 1000
99 FORMAT (8H)
1 PRINT 98
98 FORMAT (1H1)
PRINT 99
ISET=1
DO 2 I=ILE,IRANMAX
2 IFRE(I)=0
ILE=50
ANGMN=0.0
IRANMAX=0
PRINT 200
200 FORMAT (53X,1HA,14X,1HB/49X,*HORIZONTAL*,8X,*FALL*,9X,*GRADIENT
1,*8X,*TOTAL*,10X*TOTAL*/49X,*INCREMENT*,38X,*HORIZ*,11X,*VERT*/4X,
2*ANGLE (0)*,8X,*COS Q*,10X,*SIN Q*,9X,*1.5COS Q*,7X,*1.5SIN Q*,6X,
3*SIN Q/COS Q*,8X,*CUM, A*,7X,*CUM,B*,6X*CURVATURE*/)
3 READ 100,(ANG(I),I=1,16)
100 FORMAT (16F5.1)
DO 4 I=1,16
IF(ANG(I).EQ.100.0)GO TO 5
ISET=ISET+1
THETA(ISET)=ANG(I)
4 ANGMN=ANGMV*THETAT(ISET)
GO TO 3
5 THETA(1)=THETA(2)
ITOT=ISET-1
ANG(7)=ANG(8)=ANG(10)=ANG(11)=0.0
ANG(12)=ANG(13)=ANG(14)=ANG(15)=0.0
ANGMN=ANGMV/ITOT
DO 6 K=2,ISET
ANG(1)=THETA(K)
THEA=THETA(K)*0.017453
ANG(2)=CCSF(THEA)
ANG(3)=SINF(THEA)
ANG(4)=1.5*ANG(2)
ANG(5)=1.5*ANG(3)
ANG(6)=ANG(3)/ANG(2)
ANG(7)=ANG(7)+ANG(4)
ANG(8)=ANG(8)+ANG(5)
ANG(9)=(THETA(K-1)-THETA(K))*100.0/1.5
INDEX=ANG(1)/2.0+22
IFRE(INDFX)=IFRE(INDEX)+1
IF(ILE.GT.INDEX)ILE=INDEX
IF(IRANMAX.LT.INDEX)IRANMAX=INDEX
ANG(11)=ANG(11)+ANG(9)
THEA=THETA(K)
THAN=THEA-ANGMN
THANSO=THAV*THAN
ANG(12)=ANG(12)+THANSO
ANG(13)=ANG(13)+THAN+THANSO
ANG(14)=ANG(14)+THANSO+THANSO
```

```

ANG(15)=ANG(15)+THEA=THEA
PRINT 201,(ANG(I),I=1,9)
201 FORMAT (1X,F10.1,7F15.4,F15.2)
6 CONTINUE
IUMTOT=0
START=-42.0*(ILE-1)*2.0
PRINT 202
202 FORMAT (/10X-FREQUENCY DATA*/8X-ANGLE (0) *,8X-FREQ.,*,8X-CUM. FREQ.,*
1/)
DO 7 K=ILE,IRANMAX
ENDSTART=2.0
IUMTOT=IUMTOT+IFRE(K)
PRINT 203,START,END,IFRE(K),IUMTOT
203 FORMAT (5X,F5.1,2H -,F5.1,6X,15,10X,I5)
START=END
7 CONTINUE
PERLEN=100.0/IUMTOT
MEANC=ANG(11)/IUMTOT
PRINT 204,PERLEN,MEANC
204 FORMAT (5X,*PERCENTAGE LENGTH*,F10.2/5X*MEAN CURVATURE*,F10.2)
SKEN=(ANG(13)/ITOT)/((ANG(12)/ITOT)**(3.0/2.0))
KURT=(ANG(14)/ITOT)/((ANG(12)/ITOT)*(ANG(12)/ITOT))
STD=SQRT(ANG(15)/ITOT-ANGMN*ANGNN)
PRINT 205,ANGMN,STD,SKEN,KURT
205 FORMAT (5X,*MEAN*,F10.1/5X,*STANDARD DEVIATION*,F10.2,75X,*SKEWNESS*
1S*,F10.2/5X ,*KURTOSIS*,F10.2)
GO TO 1
1000 CONTINUE
END

```

"LOCAL" ASSIGNMENTS

ANG 00450 R	END 00510 R	IFRE 00270 I	ILE 00440 I	INDEX 00474 I
IRANMAX 00442 I	I 00450 I	ISET 00446 I	ITOT 00462 I	IUMTOT 00503 I
KURT 00434 R	MEANC 00436 R	PERLEN 00512 R	SKEN 00516 R	K 00453 I
THAN 00476 R	THANSQ 00500 R	THEA 00466 R	START 00506 R	STD 00520 R

"COMMON" ASSIGNMENTS

THETA 00000 R

EXTERNAL REFERENCES

COSF \*TYPE R EOFCKF \*TYPE I SINF \*TYPE R SQRT \*TYPE R

STATEMENT LABELS

1 00572 2 00422 3 00651 4 00726 5 00745 6 01160 7 01242 1000 01364

3203 FORTRAN DIAGNOSTIC RESULTS FOR CREST

NO ERRORS

LENGTH OF SUBPROGRAM 01406B  
 LENGTH OF COMMON 00620B

## PROFILE 47 FACING 308 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.

ANGLE (D)			HORIZONTAL INCREMENT	FALL	GRADIENT	TOTAL HORIZ	TOTAL VERT	CURVATURE
	COS D	SIN D						
.5	1.0000	.0087	1.4999	.0131	.0087	1.4999	.0131	0
4.0	.9976	.0496	1.4943	.046	.0699	2.9963	.1177	-233.33
1.5	.9937	.0262	1.4995	.0393	.0262	4.4958	.1570	100.67
3.0	.9956	.0523	1.4979	.0785	.0524	5.9937	.2355	-100.00
3.0	.9956	.0523	1.4979	.0785	.0524	7.4917	.3140	0
5.0	.9962	.0872	1.4943	.1307	.0872	8.9860	.4447	-133.33
3.5	.9931	.0610	1.4972	.0916	.0612	10.4832	.5363	100.00
7.0	.9925	.1219	1.4888	.1028	.1228	11.9720	.7191	-233.33
5.0	.9962	.0872	1.4943	.1307	.0875	13.4663	.8498	133.33
5.5	.9934	.0958	1.4931	.1438	.0965	14.9594	.9936	-33.33
6.5	.9936	.1132	1.4934	.1698	.1139	16.4497	1.1634	-66.67
8.0	.9933	.1392	1.4854	.2088	.1405	17.9551	1.3722	-100.00
6.0	.9945	.1045	1.4918	.1568	.1051	19.4269	1.5289	133.33
9.5	.9953	.1653	1.4794	.2476	.1673	20.9063	1.7765	-233.33
6.5	.9936	.1132	1.4904	.1698	.1139	22.3967	1.9453	200.00
6.0	.9945	.1145	1.4918	.1563	.1031	23.8863	2.1031	33.33
7.5	.9914	.1305	1.4872	.1958	.1317	25.3756	2.2959	-100.00
7.0	.9929	.1219	1.4386	.1828	.1228	26.8642	2.4817	33.33
4.0	.9976	.0690	1.4963	.1046	.0599	28.3608	2.5863	200.00
12.0	.9731	.2079	1.4672	.3119	.2126	29.8260	2.8952	-533.33
12.0	.9731	.2079	1.4672	.3119	.2126	31.2953	.3100	0
10.0	.9558	.1736	1.4772	.2405	.1763	32.7729	3.4705	133.33
12.0	.9731	.2079	1.4672	.3119	.2126	34.2597	3.7824	-133.33
17.0	.9553	.2924	1.3345	.4386	.3057	35.6742	4.2209	-333.33
12.0	.9731	.2079	1.4672	.3119	.2126	37.1424	4.5328	333.33
17.0	.9553	.2924	1.4345	.4386	.3057	38.5726	4.9713	-333.33
13.0	.9544	.2249	1.4616	.3374	.2309	40.0374	5.3058	200.67
16.5	.9538	.2540	1.4382	.4260*	.2962	41.4756	5.7348	-233.33
13.5	.9724	.2334	1.4586	.3502	.2401	42.9342	6.0849	200.00
15.5	.9536	.2672	1.4454	.4009	.2773	44.3796	6.4858	-133.33
14.5	.9541	.2504	1.4522	.3756	.2986	45.8318	6.8614	66.67
12.0	.9751	.2079	1.4672	.3119	.2126	47.2991	7.1752	100.67
14.5	.9541	.2504	1.4522	.3756	.2986	48.7513	7.5456	-100.67
17.0	.9555	.3226	1.4163	.4883	.3443	50.1695	8.0371	-300.00
17.5	.9517	.3007	1.4306	.4511	.3153	51.602	8.4482	100.00
16.5	.9533	.2840	1.4382	.4260	.2962	53.0354	8.9142	66.67
15.0	.9533	.2756	1.4419	.4134	.2567	54.4805	9.3276	-33.33
27.0	.5510	.4546	1.3365	.6810	.5095	55.8168	10.0086	-733.33
15.8	.9529	.2588	1.4439	.3882	.2579	57.2657	10.3958	800.00
20.0	.9327	.3426	1.3095	.5130	.3640	58.6752	10.9039	-333.33
12.0	.9731	.2079	1.4672	.3119	.2126	60.1424	11.2217	533.33
13.5	.9724	.2334	1.4586	.3502	.2401	61.6010	11.5719	-100.00
13.0	.9734	.2249	1.4616	.3374	.2309	63.0626	11.9093	33.33
13.0	.9744	.2249	1.4616	.3374	.2309	64.5241	12.2457	0
13.0	.9744	.2249	1.4616	.3374	.2309	65.9857	12.5841	0
14.0	.9733	.2419	1.4554	.3629	.2493	67.4411	12.9470	-66.67
13.0	.9734	.2249	1.4616	.3374	.2309	69.9027	13.2844	66.67
13.5	.9724	.2334	1.4586	.3502	.2401	70.3612	13.6346	-33.33
16.5	.9558	.2840	1.4382	.4260	.2962	71.799	14.0656	-200.00
15.0	.9559	.2588	1.4489	.3882	.2579	73.2464	14.4488	100.00
22.5	.9259	.3827	1.3858	.5740	.4142	74.6342	15.0229	-500.00
20.0	.9327	.3420	1.4095	.5130	.3640	76.0437	15.5359	100.67
21.0	.9336	.3584	1.4004	.5375	.3839	77.4441	16.0734	-66.67
31.5	.8926	.5225	1.2790	.7637	.6128	78.7231	16.8572	-700.00
17.0	.9263	.2924	1.4345	.4386	.3057	80.1575	17.2957	900.67
25.5	.9266	.4305	1.3539	.6458	.4770	81.5114	17.9415	-500.67

20.0	.9397	.3420	1.4095	.5130	.3640	82.9209	18.4545	366.67
29.2	.8704	.4924	1.3055	.5786	.2653	84.2265	19.1931	-633.33
14.5	.9631	.2504	1.4522	.3756	.2385	85.6287	19.5687	1000.00
14.0	.9743	.2410	1.4554	.3859	.2403	87.1342	19.3116	-33.33
19.0	.9495	.3256	1.4183	.4863	.3443	88.2524	20.1199	-33.33
15.0	.9637	.2566	1.4489	.3862	.2379	90.0154	20.6681	266.67
17.5	.9337	.3097	1.4316	.4511	.3153	91.4510	21.2592	-166.67
20.0	.9397	.4520	1.4095	.5130	.3640	92.8414	21.7722	-166.67
13.2	.9724	.2334	1.4562	.3502	.2401	94.3000	22.1224	-433.33
16.5	.9248	.2840	1.4182	.4200	.2962	95.7382	22.5494	-200.00
16.0	.9214	.3090	1.4266	.4635	.3249	97.1648	23.0119	-100.00
20.0	.9357	.3502	1.4095	.5233	.3749	98.5698	23.5372	-166.67
19.0	.9495	.3256	1.4193	.4833	.3443	99.9881	24.0255	100.00
13.0	.9724	.2334	1.4562	.3502	.2401	101.4467	24.3/57	366.67
12.5	.9753	.2604	1.4225	.4279	.3566	102.8992	24.8517	-363.33
13.2	.9633	.3173	1.4225	.4279	.3566	104.2525	25.3466	-200.00
15.5	.9636	.2672	1.4354	.4059	.2773	105.7600	22.6534	0
15.0	.9773	.2419	1.4554	.3829	.2493	107.2125	26.0152	100.00
14.5	.9641	.2504	1.4522	.3726	.2265	108.6777	26.1918	-333.33
13.0	.9714	.2449	1.4016	.3374	.2339	110.1293	26.7292	-100.00
12.5	.9753	.2604	1.4634	.2247	.2217	111.5339	27.0359	-33.33
16.2	.9243	.2840	1.4382	.4260	.2962	113.0320	27.4799	-266.67
12.0	.9271	.2359	1.4572	.3119	.2126	114.4922	27.7917	300.00
13.2	.9214	.2359	1.4586	.3592	.2401	115.9777	28.1419	-100.00
14.2	.9051	.2504	1.4522	.3756	.2385	117.1100	28.1775	-66.67
10.0	.9174	.1736	1.4732	.2605	.1763	118.48/2	28.7779	-300.00
8.0	.9503	.1392	1.4654	.2088	.1465	120.3726	26.9867	133.33
20.0	.9397	.3420	1.4095	.5130	.3640	121.7621	29.4937	-800.00
14.5	.9621	.2504	1.4522	.3756	.2385	123.3435	29.7753	366.67
9.5	.9553	.1650	1.4194	.4276	.1573	124.1338	30.1229	333.33
9.2	.9923	.1650	1.4774	.2416	.1673	126.1932	30.7004	0
12.5	.9763	.2164	1.4444	.3247	.2217	127.6276	30.6951	-200.00
12.0	.9731	.2679	1.4672	.3149	.2126	129.1249	31.0069	333.33
11.0	.9316	.1906	1.4724	.2862	.1944	130.1973	31.2331	66.67
9.5	.9663	.1650	1.4194	.4247	.1673	132.1767	31.5407	100.00
11.0	.9561	.1906	1.4724	.2840	.1944	133.5492	31.8259	-100.00
6.5	.9163	.1650	1.4764	.2476	.1673	135.0285	32.0745	100.00
10.0	.9748	.1736	1.4772	.2605	.1763	136.5058	32.3550	-333.33
13.0	.9744	.1249	1.4616	.3374	.2339	137.9674	32.6704	-200.00
9.0	.9577	.1504	1.4915	.2346	.1584	139.4489	32.9070	266.67
9.2	.9653	.1050	1.4774	.2476	.1673	140.9283	33.1246	-33.33
9.5	.9720	.1475	1.4335	.2217	.1493	142.4119	33.3763	66.67
1.0	.9496	.1004	1.4724	.2476	.1944	143.8843	33.6625	100.00
1.0	.9377	.1564	1.4635	.2346	.1584	145.1638	33.8972	133.33
6.0	.9393	.1392	1.4554	.2088	.1405	146.1512	34.1059	66.67
8.0	.9923	.1392	1.4554	.2088	.1405	148.3566	34.3147	0
6.0	.9495	.1050	1.4774	.2476	.1673	149.8220	34.5234	0
6.0	.9720	.1216	1.4168	.2217	.1493	151.3092	34.7192	33.33
4.5	.9936	.1474	1.4835	.3217	.1493	152.1927	34.9409	-66.67
8.0	.9220	.1478	1.4835	.3217	.1493	154.2763	35.1626	33.33
6.0	.9220	.1219	1.4835	.3217	.1493	157.2798	35.3843	-33.33
6.0	.9445	.1045	1.4918	.1698	.1317	157.2469	35.5501	66.67
5.0	.9552	.0872	1.4943	.1007	.1057	159.1341	35.7759	66.67
6.0	.9143	.1045	1.4918	.1698	.1139	160.1245	35.9457	66.67
5.0	.9552	.0672	1.4943	.1698	.1057	170.6021	37.0622	-66.67
5.0	.9932	.0672	1.4943	.1698	.1057	170.6021	37.0622	66.67
5.0	.9932	.0672	1.4943	.1698	.1057	172.1304	37.0375	66.67

ANGLE (°)	FREQ.	CUR.	FREQ.
4.5	.9939	.0785	1.4954
4.0	.9976	.0698	1.4963
3.0	.9986	.0523	1.4979
2.5	.9990	.0436	1.4986
2.0	.9994	.0349	1.4991
1.5	.9997	.0262	1.4986
1.0	.9998	.0175	1.4995
2.0	.9992	.0349	1.4998
2.0	.9992	.0349	1.4991

FREQUENCY DATA - FILED.

ANGLE (°) FREQ.

CUR. FREQ.

0	2	4	4
2.0	4	9	13
4.0	6	9	22
6.0	8	17	39
8.0	10	17	56
10.0	12	6	62
12.0	14	23	85
14.0	16	15	100
16.0	18	14	111
18.0	20	5	116
20.0	22	7	123
22.0	24	1	124
24.0	26	1	125
26.0	28	1	126
28.0	30	1	127
30.0	32	4	128

PERCENTAGE LENGTH

MEAN CURVATURE

MEAN

STANDARD DEVIATION

SKEWNESS

KURTOSIS

-0.78

1.14

6.35

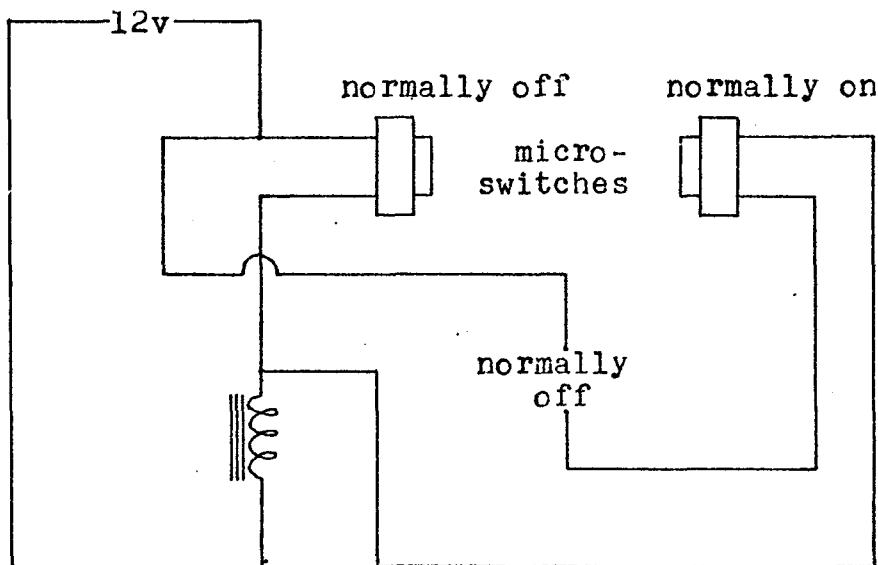
1.53

3.38

## APPENDIX D

### RELAY SWITCHING CIRCUIT

Only the basic relay circuit is described here; details of connection to the motor would depend on individual circumstances.



It was noted that when using this circuit, sparking occurs between those relay terminals carrying full line voltage. If this circuit is to be used for a long period, therefore, these terminals must be safeguarded with capacitors, since relay failure will leave the motor unprotected.

APPENDIX E

SUMMARISED SLOPE PROFILE DATA

01550 S 8  
SUMMARISED SLOPE PROFILE DATA, SURVEYED BY D. DUNKERLEY APRIL - AUGUST, 1972

EACH READING REPRESENTS A SLOPE LENGTH OF 1.5 METRES

DATA IS ENTERED FROM THE CREST OF EACH PROFILE DOWNWARDS

EACH PROFILE TERMINATES WITH AN ENTRY OF 100.0 DEGREES\*  
THIS IS FOR PROGRAM PURPOSES ONLY AND IS TO BE DISREGARDED.

* * * * *															
PROFILE 1 FACING 071 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.															
0.5	1.5	3.0	2.5	5.5	8.5	10.0	14.5	12.5	14.5	14.5	14.5	12.0	16.5	15.5	20.0
17.0	18.5	19.5	18.5	17.5	19.0	23.0	22.0	23.0	26.0	36.0	23.0	25.5	22.5	26.0	14.5
15.0	9.5	20.0	15.0	19.0	15.5	22.0	22.5	16.5	19.0	17.5	22.0	24.5	32.0	20.5	20.0
22.0	22.0	19.5	18.5	19.0	21.0	20.0	18.5	22.5	26.0	34.0	31.0	24.5	22.0	20.0	18.5
16.0	12.0	12.5	11.0	8.0	9.0	8.0	6.0	10.0	0.0						
PROFILE 2 FACING 252 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.															
0.0	0.5	3.5	4.5	6.5	11.5	11.5	13.0	13.0	14.0	17.0	18.0	16.5	19.5	20.0	
19.5	18.5	18.0	20.5	20.0	22.5	16.0	14.0	15.5	14.0	17.0	12.0	13.0	11.0	11.5	11.5
15.0	17.0	15.5	19.5	18.5	18.0	20.0	18.5	17.0	19.5	18.0	14.0	14.0	16.0	13.5	14.0
15.0	14.0	16.5	13.5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
PROFILE 3 FACING 156 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.															
10.0	6.0	9.5	7.0	5.0	9.0	8.5	10.0	8.0	9.0	12.0	8.0	12.5	11.0	11.0	11.0
8.0	13.5	2.5	9.0	10.0	9.5	7.0	9.0	10.0	11.0	12.5	12.0	13.0	13.0	12.5	
12.0	16.0	10.5	10.5	10.0	14.0	17.0	9.5	14.0	14.5	15.0	18.0	17.5	19.0	20.5	17.0
15.5	21.0	22.0	21.5	22.0	26.0	20.5	11.5	12.0	13.0	7.0	10.0	13.0	9.0	8.5	15.0
17.5	15.0	24.0	20.5	17.0	21.5	22.0	24.5	24.0	24.0	22.0	21.5	21.5	16.0	14.0	18.0
15.0	9.5	13.0	14.0	15.5	16.0	16.0	13.0	13.5	12.0	10.0	13.0	14.5	13.5	13.0	9.5
11.0	15.0	12.0	12.0	14.0	13.0	15.0	12.0	12.0	10.5	12.5	9.0	12.0	11.5	11.0	14.0
15.5	11.5	15.0	13.0	13.0	15.5	12.0	16.0	20.0	14.5	12.5	14.0	14.0	14.5	12.0	13.0
11.0	11.5	10.0	11.0	15.5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
PROFILE 4 FACING 128 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.															
0.0	5.0	6.5	5.5	8.5	10.0	9.0	10.0	12.0	11.0	13.0	7.0	10.5	19.5	10.5	12.0
14.0	13.5	14.5	14.5	14.5	18.0	17.0	16.0	16.5	16.0	14.5	16.5	17.0	15.5	15.0	14.0
16.5	19.5	12.5	17.5	19.0	16.5	18.5	16.5	13.0	13.0	13.0	15.5	11.0	11.0	13.0	9.0
11.5	11.5	12.0	8.0	11.0	13.0	14.0	12.0	10.5	8.5	12.0	13.0	11.0	13.0	13.0	14.5
18.0	19.0	17.0	15.5	11.0	15.5	14.5	14.0	11.0	8.0	7.5	7.0	2.0	1.0	3.0	100.0
PROFILE 5 FACING 255 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.															
0.0	2.0	1.0	2.0	2.0	8.0	11.0	8.0	10.0	9.0	6.0	7.0	11.0	10.5	11.5	13.0
12.0	12.0	11.0	12.5	12.0	9.0	14.5	14.5	12.0	13.5	15.0	14.0	17.0	10.5	16.0	13.0
15.5	14.0	12.0	10.5	12.0	13.5	14.0	16.0	14.0	15.5	15.0	12.0	14.0	10.5	10.0	10.5
13.0	12.0	10.0	12.0	11.0	12.0	13.0	14.0	17.5	19.0	21.0	24.5	24.0	25.0	24.5	21.0
19.0	14.0	14.0	14.0	12.0	16.0	17.5	21.0	22.0	20.0	20.5	35.5	66.0	24.0	18.5	31.0
9.0	11.0	30.0	39.5	4.0	24.0	16.0	23.0	25.0	18.0	24.0	24.0	19.0	21.0	18.5	14.0
13.0	14.0	14.0	23.5	25.0	18.0	26.5	18.0	19.5	20.0	19.0	20.0	21.0	21.5	20.0	20.5
16.0	15.5	6.5	14.5	13.0	10.0	12.0	7.5	17.0	8.0	3.5	5.0	54.0	52.0	100.0	
PROFILE 6 FACING 079 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.															
6.5	6.0	9.5	13.0	9.0	14.5	13.0	12.0	30.0	18.0	17.5	23.0	14.0	30.0	24.5	20.5
17.5	9.0	12.5	13.0	10.5	13.5	12.0	11.5	13.0	13.0	16.0	16.0	20.0	8.0	12.0	22.0
22.0	31.0	26.5	19.0	22.5	16.0	22.5	23.0	20.5	22.0	18.5	15.5	12.5	1	5.5	100.0
PROFILE 7 FACING 190 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.															
0.0	0.0	0.5	2.0	2.0	2.5	6.5	6.0	7.0	10.0	7.0	8.0	14.0	11.5	16.0	13.0
15.0	16.0	19.5	17.5	19.5	20.5	19.0	21.0	17.0	17.5	14.0	13.0	9.0	15.0	9.0	12.0
12.0	9.5	13.0	14.5	15.0	11.5	14.0	17.5	13.5	16.5	11.5	12.0	10.0	14.0	12.5	12.0
11.0	11.5	12.5	13.0	13.5	10.5	15.0	13.0	14.0	14.5	10.5	12.0	12.0	9.5	10.0	8.0
6.0	11.0	9.0	10.5	10.5	7.0	9.0	7.5	9.0	12.5	4.5	9.0	7.5	9.0	9.5	6.0
6.0	8.5	8.0	8.0	7.5	8.0	7.5	6.0	8.0	5.0	8.0	7.0	7.0	6.5	8.0	100.0
PROFILE 8 FACING 170 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.															
1.0	2.0	3.0	3.5	4.0	6.5	7.0	7.0	7.0	9.5	10.0	6.5	16.0	5.0	8.0	14.0
24.5	23.5	22.5	22.0	22.0	22.0	18.0	20.5	25.0	20.5	13.0	24.0	13.0	15.5	6.0	4.5
9.0	9.0	15.5	25.0	17.5	8.0	2.0	-2.0	0.5	12.0	16.0	10.0	10.5	12.0	5.0	17.0
12.5	14.5	10.0	7.0	9.0	3.5	-1.5	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
PROFILE 9 FACING 255 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.															
15.0	9.0	8.5	13.0	16.0	12.0	14.5	16.0	8.5	10.5	13.5	21.0	12.0	12.0	8.5	16.0
16.0	14.0	14.0	11.0	14.0	10.5	10.0	10.5	10.0	10.5	10.0	12.0	14.5	17.0	15.0	16.0

10.0	14.0	11.5	12.5	12.5	14.0	14.0	16.0	16.0	15.0	15.0	18.0	16.0	17.0	17.5	21.0
19.0	15.0	16.5	13.5	13.5	15.5	14.0	15.5	13.0	14.0	14.0	14.0	16.0	18.5	13.0	14.5
14.0	10.5	15.0	13.5	12.0	12.5	14.0	11.5	12.0	10.0	11.0	11.0	12.0	11.0	9.5	11.0
11.0	12.0	10.0	12.0	11.0	12.5	9.0	10.5	11.0	13.0	11.0	11.5	9.0	10.5	10.0	11.5
8.0	12.5	10.5	11.5	10.5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

PROFILE 10 FACING 245 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
 16.5 19.5 13.5 13.0 13.5 12.5 14.5 24.0 15.0 20.0 20.0 19.0 20.5 21.5 25.0 32.0  
 21.5 27.0 30.0 26.0 21.5 27.5 32.5 32.5 38.5 20.5 26.0 34.0 29.0 47.0 29.5 41.5  
 24.0 25.5 12.0 12.5 20.5 18.5 20.0 17.5 17.5 14.5 12.0 16.0 17.5 15.5 16.5 13.0  
 12.0 13.0 16.5 14.5 10.0 12.5 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0

PROFILE 11 FACING 020 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
 0.5 1.5 4.0 10.0 12.0 12.0 16.0 11.0 17.0 13.5 15.0 18.0 18.0 16.0 17.0 15.5  
 16.0 16.5 16.0 15.5 16.5 15.0 15.0 14.5 15.0 14.5 16.5 17.5 16.5 19.5 16.5 19.5  
 19.0 18.0 14.0 12.0 10.5 12.5 13.0 13.0 15.0 17.5 16.5 21.0 13.0 16.0 18.0 15.0  
 17.5 20.5 18.5 19.5 19.0 16.0 19.0 16.0 17.0 17.0 13.0 17.0 19.0 17.5 16.5 12.0  
 13.5 21.0 15.5 17.5 13.0 13.5 12.5 13.5 11.5 7.5 12.0 13.0 9.0 11.0 10.0 9.0  
 12.0 9.0 9.0 8.0 7.0 8.0 9.5 8.0 8.5 9.0 9.0 7.5 8.0 7.5 5.0 13.0  
 3.5 10.0 9.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0

PROFILE 12 FACING 110 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
 5.0 4.5 10.0 11.0 8.5 9.0 13.0 12.0 15.0 16.0 17.0 18.0 17.0 17.5 18.0 21.0  
 23.0 18.5 19.5 15.0 17.0 21.5 19.0 18.0 26.0 19.0 20.0 20.0 17.0 14.5 20.0 17.0  
 19.0 20.0 18.0 17.5 18.0 21.0 21.0 16.0 15.5 15.5 19.0 17.5 18.0 16.0 16.5 16.5  
 18.0 19.0 15.5 12.5 10.5 14.0 19.0 5.0 17.0 13.0 14.5 14.0 13.5 11.5 15.5 14.5  
 13.5 14.0 14.5 13.0 15.0 19.5 13.5 10.5 9.0 13.0 10.0 12.0 12.0 11.0 10.0 8.0  
 6.5 6.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0

PROFILE 13 FACING 165 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
 1.0 2.0 4.0 8.0 12.5 18.0 18.5 17.0 19.0 30.0 24.0 36.0 30.0 44.5 24.0 8.0  
 4.0 14.0 16.0 30.5 21.0 22.0 46.5 37.0 27.0 24.0 11.5 0.5 13.5 16.5 14.0 19.0  
 20.0 17.5 25.5 29.0 22.5 34.0 24.0 4.5 31.0 41.0 25.0 15.0 8.0 15.0 4.5 18.5  
 22.5 19.0 35.0 35.5 26.0 13.5 17.5 19.0 9.0 19.0 15.0 23.0 10.0 4.5 8.0 5.0  
 16.5 14.5 15.0 20.5 23.0 25.5 26.0 19.0 22.5 19.5 20.0 20.5 24.0 9.5 10.5 9.5  
 17.5 11.5 4.5 12.5 23.0 18.5 22.5 27.0 19. 20.5 29.0 23.0 23.0 41.5 35.0 35.0 22.5  
 21.0 22.5 29.5 32.0 25.0 9.0 19.0 14.5 15.0 15.0 16.0 6.0 12.0 12.0 13.5 11.5 9.0  
 10.0 14.5 10.5 9.0 12.5 10.0 9.0 9.0 9.5 9.0 9.0 13.0 13.0 13.0 13.0 13.0 10.0

PROFILE 14 FACING 170 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
 0.0 -1.0 2.5 7.0 10.0 14.0 17.0 18.0 18.5 20.0 29.0 26.5 28.0 31.0 40.0 28.5  
 25.0 24.0 30.5 30.5 30.0 37.0 26.0 17.0 17.5 15.0 25.0 3.5 1.0 2.0 6.5 11.0  
 26.5 10.5 15.0 11.0 12.0 17.5 14.0 16.0 17.0 3.5 29.0 11.5 24.5 12.0 6.5 20.0  
 23.0 16.5 22.5 10.0 27.0 3.0 21.0 29.0 28.5 26.0 34.0 10.0 10.5 14.0 27.5 15.0  
 13.0 10.0 8.0 30.0 14.5 12.0 8.5 21.0 20.0 20.0 16.0 23.5 9.0 22.0 22.0 17.0 21.0  
 12.0 15.0 12.0 18.5 4.0 4.0 6.0 11.5 18.5 24.0 12.0 6.0 14.0 2.0 5.0 5.0  
 4.0 0.5 8.0 4.0 22.0 7.0 3.5 1.5 16.5 1.0 27.0 38.0 5.0 22.5 25.0 9.0  
 39.0 29.0 24.0 3.5 12.5 2.0 12.0 5.0 7.5 8.0 0.0 17.0 12.0 10.0 5.0 10.0  
 2.0 5.0 0.0 5.5 7.0 21.5 0.0 6.5- 4.0 13.0 10.0 8.0 10.5 6.0 11.0- 6.0  
 5.0 9.0 6.0- 8.0 27.0 10.0 21.0 2.5 5.5 18.0 16.0 19.0 17.0 3.0 10.5 26.0  
 16.5 22.5 41.0 30.0 30.0 4.0 15.5 10.0

PROFILE 15 FACING 195 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
 15.0 10.5 11.5 15.0 13.0 16.0 14.5 13.5 15.0 17.0 16.5 17.5 17.0 10.0 17.5 18.0  
 17.0 17.0 17.0 19.0 17.0 17.0 20.0 16.0 16.0 16.0 16.0 17.0 16.0 16.5 15.5 15.5  
 17.0 14.0 16.5 19.0 2.5 20.0 17.0 18.0 13.5 15.0 13.0 14.0 20.0 16.5 18.0 21.0  
 21.5 24.0 24.5 32.5 24.0 26.0 25.0 24.0 22.0 25.0 21.5 21.0 24.0 23.5 23.0 21.0  
 25.0 23.5 21.5 23.0 22.0 27.0 25.5 23.5 22.5 25.5 26.0 24.0 24.0 26.0 31.5 28.0  
 32.5 23.0 14.0 17.0 11.5 14.5 13.0 16.0 16.0 16.0 21.0 15.0 15.0 16.0 15.0 7.5  
 9.0 5.5 5.0 6.0 5.0 5.0 7.5 2.0 12.0 9.5 10.0 11.0 13.0 9.0 9.5 10.0

PROFILE 16 FACING 237 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
 0.0 0.5 1.5 3.5 5.5 0.0 7.0 6.5 6.0 7.0 6.5 5.5 6.5 7.0 7.0 5.0  
 11.5 6.0 8.5 9.0 10.5 13.0 15.5 16.0 20.0 14.0 26.0 26.5 23.0 0 25.5 23.5 23.0  
 28.0 26.0 24.0 30.5 14.0 20.0 19.5 18.0 16.0 22.0 23.0 24.5 20.0 21.0 21.0 16.0  
 16.0 18.0 19.5 18.0 17.0 17.0 14.0 15.0 13.0 14.0 10.0 15.0 14.5 13.5 14.0 12.5  
 11.5 12.0 11.5 11.5 11.5 11.0 13.0 11.5 11.0 16.0 10.0 10.0 10.0 11.5 10.0

PROFILE 17 FACING 043 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
 0.0 1.5 1.0 2.5 5.0 5.5 6.5 6.5 10.0 12.0 14.0 15.5 16.5 16.0 16.5 15.5 19.5  
 18.0 19.5 20.0 20.0 21.5 28.0 25.5 25.5 30.0 17.0 29.5 38.0 17.5 40.0 41.0 22.5  
 31.0 36.5 42.0 23.0 21.0 15.0 17.0 13.5 6.5 13.5 15.0 22.0 28.0 29.0 31.0 37.5  
 20.0 29.0 29.0 20.5 19.0 18.0 21.0 27.0 29.5 34.5 30.0 26.0 34.5 26.5 32.0 36.0

36.5 31.0 29.0 39.0 32.0 24.5 25.0 24.0 26.0 25.5 22.5 23.0 22.0 17.0 20.5 18.5  
17.0 12.5 15.5 12.5 9.0 12.0 12.0 100.0

PROFILE 18 FACING 055 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
0.0 3.0 7.5 9.0 8.0 11.0 14.5 13.0 16.5 17.0 20.0 23.0 28.0 30.0 29.0 28.0  
24.0 25.5 27.5 26.5 23.0 26.0 24.0 25.0 23.0 22.5 22.5 21.5 23.5 24.0 22.0 23.5  
25.0 20.0 23.5 29.5 21.5 25.0 22.0 29.0 29.0 26.5 30.0 35.5 34.0 33.5 26.0 25.5  
25.0 31.0 35.0 23.0 19.5 13.5 9.5 6.5 4.5 5.5 3.5 4.0 0.5 8.0 14.0 16.0  
2.0 12.5 10.0 6.0 3.5 100.0

PROFILE 19 FACING 125 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
14.0 23.0 24.0 26.5 20.0 22.5 26.0 23.0 23.5 22.0 19.0 13.5 13.0 12.0 15.0 18.0  
21.5 16.5 24.5 23.0 24.0 27.5 27.5 25.0 25.5 30.5 23.5 20.0 25.5 24.0 22.5 22.0  
26.0 19.5 23.0 35.0 18.0 31.5 20.0 25.5 32.5 24.5 25.0 18.5 13.5 12.5 6.0 5.5  
5.0 8.0 10.0 9.5 11.0 12.5 15.0 14.5 15.5 12.0 100.0

PROFILE 20 FACING 310 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
15.5 16.0 16.0 18.0 22.0 18.0 34.0 14.0 22.0 19.0 26.0 24.0 33.5 31.5 26.0 31.5  
26.0 28.0 32.0 26.0 34.0 28.0 32.0 15.5 15.5 19.5 18.0 25.0 27.0 37.0 19.0 11.0  
25.5 29.5 29.0 13.0 21.5 18.0 26.0 27.0 19.5 24.5 22.0 26.0 25.5 15.5 36.0 29.0  
17.5 18.0 32.0 27.0 19.5 13.5 25.5 20.0 22.0 17.5 13.0 12.0 8.5 9.0 100.0

PROFILE 21 FACING 260 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
4.0 6.0 5.5 10.5 11.5 16.5 17.5 16.5 17.0 18.5 19.0 20.5 21.0 22.0 24.5 20.0  
23.5 25.5 29.5 29.0 22.5 22.0 22.5 22.0 21.0 19.0 20.5 20.0 22.5 22.5 22.0 22.0  
25.0 17.5 19.0 20.0 19.0 18.0 17.5 16.0 14.0 13.0 5.5 5.0 8.5 100.0

PROFILE 22 FACING 127 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
9.0 9.5 12.5 13.0 15.0 18.0 19.5 23.0 25.5 24.0 23.5 24.0 21.0 23.5 17.0 20.5  
23.0 24.0 23.0 24.0 24.5 24.0 26.5 26.0 25.0 35.5 27.0 38.0 32.0 37.0 35.0 37.0  
36.0 25.0 32.0 27.0 27.0 23.0 17.0 13.0 15.0 12.0 19.0 24.5 10.0 14.5 9.5 2.0  
4.5 5.0 7.0 10.0 19.0 16.0 14.0 13.5 13.0 7.5 10.5 14.0 14.5 15.0 15.0 18.0  
24.0 5.5 15.0 12.0 9.0 6.5 10.0 11.5 14.5 12.5 11.5 11.0 8.0 6.0 9.0 8.0  
25.0 25.5 17.0 15.0 10.5 8.0 6.0 8.0 6.0 4.5 100.0

PROFILE 23 FACING 330 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
6.0 6.5 8.0 7.5 8.5 9.5 11.0 9.5 11.5 13.0 11.5 13.5 12.5 16.0 17.0 18.0  
22.5 22.0 22.0 19.5 28.0 18.5 24.0 19.5 24.5 22.5 17.0 25.0 24.0 22.5 23.0  
23.0 24.5 25.0 37.5 13.0 31.0 28.5 49.5 26.5 39.5 27.0 28.0 43.0 14.5 24.5 16.0  
19.5 21.0 21.5 19.0 21.0 20.0 20.5 22.0 24.5 16.0 12.0 15.5 13.5 9.5 11.0 10.0  
13.5 17.0 17.5 10.5 9.5 9.0 12.0 10.0 12.0 14.0 9.5 17.0 16.5 14.0 16.5 16.5  
19.0 17.0 17.0 17.5 17.0 16.5 14.5 13.0 12.0 11.5 10.5 10.5 11.5 10.0 12.0 12.0  
10.5 9.0 9.5 9.0 9.5 10.0 8.0 10.0 8.0 8.0 6.0 6.0 5.0 2.0 2.0 100.0

PROFILE 24 FACING 335 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
0.0 0.5 3.0 3.5 11.5 5.0 7.5 10.0 17.0 21.0 14.0 16.5 25.5 25.0 24.0 36.5  
27.0 26.5 19.0 15.5 26.5 24.5 22.0 25.0 35.5 24.0 25.0 33.0 34.0 45.5 30.0 34.0  
31.5 35.0 29.0 26.5 30.0 31.0 13.0 31.0 39.0 31.0 32.0 27.5 24.0 17.0 17.5 7.0  
10.0 13.5 14.5 7.5 12.0 7.5 10.5 15.0 13.0 16.0 17.0 16.5 16.0 14.0 12.0 14.0  
12.5 15.0 11.5 15.5 19.0 26.0 14.5 18.5 8.0 6.0 100.0

PROFILE 25 FACING 050 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
6.0 6.5 4.5 11.5 8.0 8.0 9.0 8.0 9.5 9.0 10.0 11.0 12.5 14.0 14.0 13.5  
15.0 15.0 15.5 16.0 15.0 14.5 18.5 15.0 19.0 17.0 17.5 19.5 17.5 15.0 14.5 13.5  
12.0 11.5 10.5 9.5 11.0 11.0 7.0 11.0 9.5 9.0 12.0 11.0 11.0 12.0 13.5 14.0  
18.0 16.5 19.0 19.5 29.0 23.5 19.0 21.0 15.5 13.5 14.0 15.0 9.5 20.0 24.0 12.5  
14.5 19.0 14.0 13.5 16.5 18.0 19.5 12.0 14.5 15.0 17.5 18.0 8.5 9.0 24.0 13.0  
5.5 11.0 12.0 13.5 12.5 9.5 9.0 15.0 9.0 12.0 11.5 14.0 16.0 18.5 20.0 10.0  
8.0 6.0 11.0 7.0 3.5 9.0 9.5 7.5 8.5 15.0 14.5 11.0 21.0 10.0 6.5 6.5  
6.5 8.0 9.5 10.0 10.5 100.0

PROFILE 26 FACING 310 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
10.5 2.0 0.5 8.0 14.0 13.0 16.0 12.0 11.5 11.0 14.0 17.0 16.5 29.0 18.5 21.0  
18.5 22.0 20.0 20.5 24.5 25.0 14.5 22.0 21.5 24.0 20.0 20.0 23.5 21.0 33.0 23.5  
23.0 25.5 39.0 17.0 15.5 23.0 20.5 15.0 22.5 18.0 16.0 23.0 15.5 24.5 19.0 19.0  
21.5 25.0 20.0 25.0 23.0 25.5 19.0 26.0 24.0 22.5 22.0 15.0 22.0 23.0 23.0 22.5  
18.0 20.5 20.5 21.0 18.5 22.5 22.0 19.0 16.5 3.5 100.0

PROFILE 27 FACING 250 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
11.0 6.5 19.0 17.5 15.0 20.5 16.5 19.5 22.0 20.0 23.5 24.0 26.0 21.0 23.0 19.0  
21.5 21.0 24.5 26.5 23.5 25.0 27.5 26.5 24.5 25.5 24.0 22.5 23.0 24.5 22.5 19.5  
20.0 16.5 17.5 21.0 19.5 22.0 25.0 19.5 21.5 25.5 24.0 24.0 24.0 22.0 24.0 21.5  
21.0 17.0 21.0 17.5 16.0 16.5 17.0 14.0 13.5 12.5 13.5 10.5 10.5 9.0 7.5

7.0 6.5 7.0 7.0 5.5100.0  
 PROFILE 28 FACING 294 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
 4.5 7.5 13.5 14.5 14.5 13.5 13.5 15.0 16.5 15.5 12.5 15.0 19.0 17.5 14.5 15.5  
 16.0 13.5 13.5 13.5 16.0 13.0 13.5 13.0 14.5 14.5 19.0 19.5 18.0 15.5 15.0 14.5  
 15.5 15.5 18.0 19.0 20.5 16.5 12.0 19.5 18.0 18.0 14.0 15.5 16.0 17.0 17.5 16.5  
 18.0 18.5 22.5 20.0 20.5 17.5 16.5 15.5 14.0 12.5 13.5 12.0 14.0 13.5 12.0 12.5  
 10.0 10.0 14.5 13.0 13.5 12.5 9.5 11.5 12.5 10.0 11.0 14.5 6.0 10.5 9.5 10.0  
 9.0 9.5 8.5 10.0 10.5 11.0 9.5 9.5 10.0 11.0 9.0 9.0 9.0100.0  
 PROFILE 29 FACING 172 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
 1.0 6.0 11.5 15.0 20.0 21.5 25.0 27.0 31.0 28.0 23.0 27.0 27.5 24.5 29.0 27.0  
 26.0 15.0 25.0 32.0 35.0 37.0 20.0 13.5 10.0 12.0 17.0 19.0 15.0 15.5 20.5 15.0  
 17.0 14.0 12.5 18.0 14.5 26.0 23.0 25.5 25.0 20.5 15.5 16.5 19.0 20.5 18.5 19.0  
 25.5 18.5 26.5 16.5 17.0 15.0 15.0 15.5 11.5 15.5 15.0 15.5 16.0 15.0 15.0 14.5  
 15.0 15.5 16.5 14.5 17.5 19.5 17.0 16.0 15.0 15.5 10.5 17.5 10.5 11.0 9.5 10.0  
 PROFILE 30 FACING 014 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
 5.0 6.0 11.5 12.0 17.5 23.0 24.0 15.5 21.0 18.5 17.0 15.5 19.0 23.5 20.0 24.0  
 30.0 27.5 25.5 24.0 30.0 27.5 31.5 32.5 27.0 38.0 24.0 28.0 16.5 25.0 18.0 17.0  
 14.5 16.0 12.5 13.5 12.5 7.0 12.0 11.0 9.0 7.0 8.0 6.5 8.5 9.0 5.0 12.0  
 11.0 11.0 13.0 15.0 12.5 13.0 12.0 12.0 39.0 13.5 11.5 17.5 11.5 25.5 14.0 10.0  
 11.5 9.5 10.0 8.5 9.5 8.0 7.5 8.0 7.0 7.0 6.0 4.5 2.0 3.5 1.5 0.0  
 1.0 1.5 1.0 1.0 2.5100.0  
 PROFILE 31 FACING 336 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
 12.5 13.5 13.0 12.5 14.0 23.5 20.0 13.0 17.5 21.5 21.0 14.0 20.0 13.5 21.0 17.5  
 13.5 20.5 23.0 14.0 14.5 14.5 14.0 13.0 21.0 12.5 15.0 13.5 12.0 12.5 13.0 13.5  
 13.0 10.0 11.5 12.0 10.5 13.5 13.5 14.0 13.5 13.0 12.0 11.0 11.0 10.5 11.0 9.5  
 11.5 10.0 11.5 10.0 8.0 8.0 11.5 12.0 12.0 14.5 12.0 14.0 11.5 14.0 13.0 11.5  
 11.0 9.0 9.5 9.0 9.0 8.0 7.0 8.5 10.0 10.5 11.5 14.0 13.5 11.0 11.0 9.5  
 10.0 7.0 6.0 9.5 7.0 7.5 6.5 6.5 6.0 9.5 2.5 9.0 2.0 8.0 6.5 6.0  
 7.5 9.5 9.5 6.5 7.0 8.0100.0  
 PROFILE 32 FACING 314 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
 3.5 2.5 2.0 12.0 5.0 13.0 15.0 7.0 3.5 7.0 6.5 10.5 10.5 12.0 17.0 13.0  
 12.0 17.0 12.5 20.0 15.0 10.5 13.0 15.5 16.5 18.0 15.0 19.0 16.5 20.0 21.0 18.0  
 20.5 26.0 17.0 15.5 20.0 25.5 15.0 25.5 15.0 39.0 12.5 26.0 16.5 21.0 20.0 21.0  
 26.0 23.5 23.0 25.0 23.0 24.5 22.5 22.0 27.0 23.5 23.0 26.0 25.5 24.0 23.0 28.0  
 25.0 25.5 20.5 25.5 26.0 22.5 26.5 23.0 29.5 28.0 31.0 17.0 16.0 13.0 12.0 12.5  
 21.5 13.5 16.0 22.0 15.0 17.5 10.0 14.0 5.5 17.0 12.0 8.0 9.0 9.5 13.0 11.0  
 7.5 7.5 7.0 12.5 25.5 19.0 15.0 15.5 15.0 16.0 12.0100.0  
 PROFILE 33 FACING 020 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
 2.5 4.0 5.0 8.5 10.0 14.5 14.0 22.0 19.0 23.0 30.0 20.5 16.5 20.0 25.5 27.0  
 31.5 22.0 23.0 27.5 27.5 24.0 26.5 26.0 24.0 27.0 30.0 25.5 26.0 27.0 28.0 30.0  
 33.5 32.5 29.0 25.5 26.0 27.0 22.0 20.5 19.5 17.5 16.0 17.0 12.0 10.0 5.5 0.5  
 100.0  
 PROFILE 34 FACING 201 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
 4.5 5.5 14.5 26.0 28.5 29.0 25.0 23.0 24.5 22.5 21.5 23.5 23.0 18.0 22.0 23.5  
 25.0 20.5 22.5 22.0 22.5 22.0 23.5 17.0 21.0 20.0 22.5 22.0 23.0 22.0 25.0 21.5  
 20.0 19.0 21.0 20.0 18.0 20.0 19.5 22.0 17.0 18.5 18.5 14.0 15.0 19.0 16.0 12.5  
 -15.5 12.5 13.0 15.5 17.0 11.0 9.5 7.0 7.5 5.0 5.0 6.0 3.0100.0  
 PROFILE 35 FACING 063 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
 2.0 3.0 1.0 1.0 12.5 13.0 25.0 26.0 24.0 33.0 31.5 32.5 30.0 33.0 41.0 26.0  
 35.5 24.0 32.0 28.5 27.0 30.5 34.0 26.0 24.5 23.0 26.0 27.0 29.5 24.5 26.5 28.0  
 28.5 27.0 27.0 27.0 30.0 24.0 23.5 35.5 28.0 24.5 25.0 22.0 21.0 18.0 12.0 14.5  
 13.5 1.0 13.5 14.0 11.0 12.5 13.0 10.5 8.0 13.5 9.5 8.5 12.0 12.0 12.5 13.5  
 12.0 11.0 10.0 12.5 7.0100.0  
 PROFILE 36 FACING 015 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
 3.5 5.0 0.5 4.0 6.0 5.5 10.5 9.5 12.0 12.5 16.0 14.5 12.5 15.0 18.5 18.5  
 21.0 20.5 17.5 23.0 22.0 22.5 20.5 27.5 25.0 27.0 25.0 24.5 26.5 22.0 21.0 26.0  
 25.5 25.0 25.0 25.0 26.5 22.0 27.0 22.5 29.0 29.5 23.5 26.5 34.0 30.0 27.0 24.5  
 32.5 28.5 24.5 32.0 34.0 24.0 37.5 21.0 32.5 24.5 27.5 23.0 21.0 30.0 23.0 25.5  
 18.5 22.5 21.0 26.5 20.5 24.0 21.0 19.5 20.0 19.0 20.5 23.5 20.0 21.5 16.0 27.5  
 28.0 44.0 10.5 24.0 16.0 20.5 16.5 14.5 17.0 16.0 15.0 12.0 13.5 13.0 9.5 10.0  
 10.5 7.0 6.0 14.0 9.0 8.0 7.0 4.0100.0  
 PROFILE 37 FACING 351 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
 2.0 0.5 5.5 11.0 14.5 13.0 19.0 20.5 22.0 19.0 24.0 28.5 20.0 24.0 29.5 23.5

28.0 27.0 25.5 32.0 27.5 27.0 29.5 31.0 28.0 33.0 29.5 33.0 27.0 37.0 34.0 39.0  
28.0 15.5 22.0 19.5 25.0 24.0 24.0 24.5 35.0 32.5 29.0 34.5 30.0 27.0 28.0 31.0  
28.5 28.0 23.5 26.0 20.5 20.0 28.0 28.0 19.5 30.0 27.0 25.0 21.0 23.0 24.5 25.5  
22.5 18.0 21.0 22.5 16.5 18.5 17.5 19.5 15.0 21.5 14.0 19.5 12.5 100.0

PROFILE 38 FACING 022 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
3.5 7.0 10.0 18.5 24.0 29.5 25.0 34.5 55.5 36.5 44.5 24.0 37.5 27.5 35.0 33.0  
35.0 24.5 40.0 31.5 43.0 33.0 31.5 30.0 36.0 32.0 31.5 24.5 36.0 43.0 34.5 42.0  
34.0 33.0 40.0 42.0 34.5 29.0 30.0 31.0 34.0 25.5 28.0 42.5 25.5 31.0 21.0 22.5  
23.5 20.5 12.0 26.0 17.5 27.0 28.0 20.0 23.5 24.0 23.0 21.5 19.0 18.0 16.5 12.0  
9.5 12.5 13.5 9.0 100.0

PROFILE 39 FACING 182 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
0.0 0.0 4.5 6.0 14.5 11.5 19.5 22.0 28.0 22.0 30.0 28.0 33.0 19.0 29.0 22.0  
37.5 22.5 30.0 22.0 27.5 25.5 24.0 25.0 26.5 31.0 24.5 27.0 25.0 25.5 24.5 25.0  
29.0 27.0 32.0 32.0 25.0 32.0 26.0 29.0 23.0 39.0 31.0 22.0 30.0 27.0 24.5 11.5  
13.5 16.0 20.5 23.5 43.0 19.5 42.0 36.5 28.0 31.5 35.0 23.0 14.0 10.0 8.0 16.5  
- 3.0 2.5 100.0

PROFILE 40 FACING 258 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
0.0 1.5 2.5 5.0 9.0 7.0 18.5 13.0 12.0 17.5 19.5 25.5 26.0 25.5 29.5 16.5  
29.5 34.0 31.0 42.0 28.0 34.0 30.5 36.0 33.0 35.0 28.0 34.5 27.5 27.5 27.5 21.0  
20.5 22.0 17.5 16.5 19.0 15.0 12.5 13.0 12.5 12.5 9.5 15.0 20.5 15.5 19.5 39.0  
32.5 34.0 13.5 22.0 1.0 0.0 16.5 25.5 30.5 7.5 4.5 18.5 17.5 15.5 22.5 22.5  
2.5 10.0 16.5 10.5 7.5 12.5 15.5 11.5 15.0 13.5 12.5 4.0 1.0 - 6.0 - 1.0 - 0.5  
0.0 - 0.5 100.0

PROFILE 41 FACING 297 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
1.0 0.5 1.5 2.5 2.0 5.0 12.0 11.5 12.0 14.5 16.5 18.5 14.5 20.0 21.5 24.0  
16.5 23.5 26.5 21.0 25.5 26.0 27.5 29.5 26.5 19.5 39.5 32.0 16.5 43.5 18.5 26.0  
29.5 20.5 29.0 22.0 25.0 21.5 23.5 22.0 25.0 27.0 21.0 27.0 31.0 24.0 27.5 35.0  
37.0 19.0 27.5 28.0 24.5 21.0 22.5 26.0 24.0 17.5 16.0 15.0 14.5 11.0 12.0 15.0  
12.5 16.0 14.0 18.0 18.5 15.5 19.5 20.0 21.5 19.5 19.0 22.5 16.0 13.0 13.5 15.5  
13.0 10.5 8.5 8.5 7.5 4.5 5.0 4.0 2.5 7.0 3.0 5.0 3.0 5.0 5.5 7.5  
100.0

PROFILE 42 FACING 300 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
15.5 21.0 12.0 14.5 12.0 16.5 23.0 26.0 17.0 30.0 23.0 17.5 27.0 14.0 22.5 10.0  
27.0 18.5 22.0 23.0 25.5 31.5 16.5 22.0 21.0 24.0 48.5 19.0 25.0 20.0 22.5 26.5  
21.5 23.5 23.5 20.5 21.0 22.5 22.5 27.0 25.0 19.0 25.5 23.5 26.5 22.5 21.0 21.0  
25.0 17.5 18.0 10.5 13.0 20.5 12.0 12.5 22.5 14.5 15.0 17.5 6.0 100.0

PROFILE 43 FACING 066 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
3.5 2.5 1.0 5.0 6.0 6.0 5.0 5.0 4.0 10.5 2.0 5.5 5.5 7.0 7.0 7.5  
9.5 10.0 12.0 17.5 12.5 15.5 17.0 20.5 17.0 13.0 18.5 28.0 20.0 28.0 20.0 25.5  
26.0 25.5 26.0 26.0 30.0 27.0 18.0 23.5 23.5 29.0 22.5 29.0 28.5 27.0 30.0 32.0  
30.0 29.0 25.5 31.0 27.5 31.0 33.0 31.5 34.5 24.5 31.5 32.5 29.0 25.0 28.0 23.0  
26.0 25.5 27.0 27.5 23.5 27.5 24.5 22.5 22.0 27.0 24.5 27.0 24.5 22.0 11.0 25.5  
17.5 20.5 19.0 21.0 22.5 21.5 24.0 22.5 20.5 23.0 24.0 23.5 30.0 30.5 25.0 14.0  
13.5 10.5 13.0 14.5 14.0 8.5 5.5 100.0

PROFILE 44 FACING 002 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
0.0 6.0 8.0 8.5 13.5 16.5 19.0 20.0 19.0 20.0 19.5 22.0 21.0 20.5 25.0 20.0  
25.5 23.5 25.0 24.5 25.5 28.5 24.5 29.5 26.5 28.5 27.0 25.5 26.5 28.0 27.0 23.0  
24.0 23.0 25.0 22.5 23.5 25.0 22.0 23.0 24.0 23.5 23.0 21.0 21.0 24.0 22.0 25.0  
21.0 23.0 23.5 15.5 19.5 17.0 16.0 11.0 9.0 10.5 11.0 8.5 7.5 6.0 100.0

PROFILE 45 FACING 320 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
10.5 6.0 4.0 1.5 4.0 1.5 1.0 2.5 0.5 2.0 - 2.0 4.0 16.5 8.5 10.0 15.0  
12.0 14.5 13.0 15.0 18.5 17.0 19.5 18.0 15.5 16.0 18.0 22.0 21.0 19.5 21.0 18.0  
19.0 14.5 9.0 13.5 14.5 20.0 19.5 21.0 19.5 21.5 23.0 20.0 25.0 35.0 32.0 25.5 30.0  
20.0 19.5 33.5 25.5 24.5 31.5 33.0 27.0 24.5 44.0 31.5 31.0 27.0 27.5 28.0 31.5  
29.0 30.0 26.0 29.5 24.5 29.5 19.5 19.0 25.0 22.0 23.0 31.0 21.0 22.0 20.0 5.5  
18.0 19.0 22.5 23.0 21.0 17.0 19.5 17.5 25.5 23.5 18.0 16.5 18.0 10.0 5.0 3.0  
9.0 8.5 100.0

PROFILE 46 FACING 255 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.  
0.0 1.0 4.5 4.0 7.0 12.0 9.0 14.0 14.0 12.0 18.0 18.0 18.0 17.0 19.0 13.0 13.0  
13.5 12.5 14.0 17.0 18.0 19.5 23.0 23.5 28.0 21.5 29.0 26.5 26.5 27.0 21.5 23.0  
19.5 26.5 19.0 27.5 23.5 23.0 21.5 23.5 22.0 28.5 21.5 25.5 25.5 20.5 27.0 24.5 23.0  
25.0 25.0 25.0 25.0 25.0 21.0 24.0 20.5 16.0 15.0 10.5 7.0 3.0 100.0

PROFILE 47 FACING 308 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.

0.5	4.0	1.5	3.0	3.0	5.0	3.5	7.0	5.0	5.5	6.5	8.0	6.0	9.5	6.5	6.0
7.5	7.0	4.0	12.0	12.0	10.0	12.0	17.0	12.0	17.0	13.0	16.5	12.5	15.5	14.5	12.0
14.5	19.0	17.5	16.5	16.0	27.0	19.0	20.0	12.0	13.5	13.0	13.0	13.0	14.0	13.0	13.5
16.5	15.0	22.5	20.0	21.0	31.5	17.0	25.5	20.0	29.5	14.5	14.0	19.0	15.0	17.5	20.0
13.5	16.5	18.0	20.5	19.0	13.5	18.5	15.5	15.5	14.0	14.5	13.0	12.5	16.5	12.0	13.5
14.5	10.0	8.0	20.0	14.5	9.5	9.5	12.5	12.0	11.0	9.5	11.0	9.5	10.0	13.0	9.0
9.5	3.5	11.0	9.0	8.0	8.0	7.5	8.5	8.5	8.5	7.5	7.5	6.5	7.0	6.5	
7.0	6.0	6.0	5.0	6.0	5.0	4.5	4.0	3.0	2.5	2.0	2.5	1.5	1.0	2.0	2.0
100.0															

PROFILE 48 FACING 140 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.

1.0	6.5	11.0	15.5	17.0	13.0	14.0	15.5	19.5	18.0	19.0	17.0	26.0	18.0	22.0	14.0
27.5	10.0	14.0	26.0	16.5	18.5	31.5	25.0	0.37.0	33.0	29.0	36.5	20.5	36.0	37.5	27.0
33.5	8.0	3.0	7.0	6.0	14.5	33.5	22.0	-6.5-	7.0	3.5	3.0	0.5	5.5	18.5	14.0
20.5	5.0	0.0	12.5	19.5	20.0	7.0	19.5	7.0	12.0	23.5	8.0	12.0	5.5	14.0	4.0
4.0	11.5	8.0	25.5	12.5	14.5	10.5	13.0	22.5	7.0	4.0	5.5	5.5	7.0	8.5	3.0
5.0	2.5	0.5	5.0	11.0	9.5	6.0	17.0	9.0	18.5	13.0	5.5	5.5	8.5	9.5	5.0
9.5	11.5	19.0	17.5	15.0	9.5	19.5	32.0	21.0	21.5	16.0	15.0	11.0	12.5	11.0	5.0
16.5	6.0	13.0	11.5	16.0	20.0	11.5	14.0	3.0	6.5	12.0	7.5	13.5	11.5	28.0	11.0
15.5	28.0	12.0	6.0	2.0	100.0										

PROFILE 49 FACING 095 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.

4.0	5.0	10.0	22.5	33.0	23.5	32.5	23.0	22.0	16.0	16.0	13.0	14.0	10.5	18.5	12.0
15.0	15.0	17.5	25.0	22.0	24.0	22.0	24.0	27.0	27.5	27.0	30.0	25.5	25.0	27.0	24.0
22.0	25.0	29.0	23.0	36.5	38.0	29.5	33.0	20.0	23.0	24.0	12.5	19.5	26.0	24.0	20.0
21.0	23.5	25.0	34.0	25.5	16.0	10.0	15.5	17.5	13.5	14.5	8.0	13.5	14.0	16.5	12.5
11.5	19.5	22.0	23.5	24.0	24.0	20.0	12.5	11.0	11.5	11.5	12.0	10.5	8.0	8.0	11.0
100.0															

PROFILE 50 FACING 315 LOCATION = SOUTH OF EVELYN'S RANGE, PICTON, N.S.W.

4.0	5.0	7.0	17.0	21.5	3.5	5.5	27.0	18.5	15.0	18.0	22.5	14.5	24.0	19.5	18.5
21.5	23.5	21.5	21.0	22.5	24.5	24.0	23.0	23.5	25.0	20.0	28.0	28.0	19.5	22.0	23.0
23.0	22.5	22.0	23.0	20.5	22.5	21.5	25.5	12.0	17.0	16.5	14.5	12.0	14.5	11.5	7.0
15.0	12.5	7.5	10.0	10.5	10.0	10.0	0.0	•	•	•	•	•	•	•	•

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