

# Crown Pastoral Land Tenure Review

Lease name: PISGAH DOWNS

Lease number: PO 248

# Due Diligence Report (including Status Report) - Part 2

This report and attachments results from a pre-Tenure Review assessment of the pastoral lease for the purpose of confirming land available for Tenure Review and any issues, rights or obligations attaching to it. The information is gathered from files and other sources available to the LINZ contractor.

Part of the information relates to research on the status of the land, resulting in a Status Report that is signed off by a LINZ approving officer. The remainder of the information is not analysed for relevancy or possible action until required, and LINZ does not guarantee its accuracy or completeness as presented.

The report attached is released under the Official Information Act 1982.

March

05



DEPARTMENT OF LANDS AND SURVEY, DUNEDIN C.1.

1st June, 1958

P.L.O. Ford,

## Boundary Adjustments.

SGR.1190: Section 2 Block X,
Section 2 Block X Domes S.D.,
Section 1 Block I Section I.
Elock I and Section 3 Block XIII,
Kakanii S.D. Section 2 Block XIII,
Section 1 Block XIII,
Section 1 Block XIII,
Section 2 Block II,
Section 1 Block VIII, Section 2
Block VIII, Kakanui S.D., Section
2 Block VIII, Kakanui S.D., Section
2 Block XIV, Kyeburn S.D.,

Your Pasteral Lands reports of 18,2.57 & 21.2.57 relating to the above mentioned leases:

Concerning the adjustment of boundaries between SGR's 1190 and 1226, it is proposed to obtain a partial surrender of 100 acres from Mr. McKenzie (SGR.1226) and to include this area in Mr. Anderson's new Pastoral Lease commencing 1.3.58 for a term of 35 years.

As Mr. McKenzie's lease does not expire until 28.2.60 the 300 acres he will receive from Mr. Anderson cannot be included in his present lease and to allow him the use of the area until the issue of his new Pastoral Lease in 1960, it is proposed to grant him a temporary tenancy over the 300 acres for a term of 2 years from 1.3.58 to 28.2.60.

To enable a temporary tenancy to be granted, would you please fix a nominal rent for that period.

ANDS & SURVEY 10 JUN 1958 0 DEPARTMENT

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	REQUISITION FOR WORK BY DRAUGHTING STAFF
	The Chief Surveyor.
	New blase offices
	Please supply item ( ) following: (60 acts situation
	(a) Diagrams on draft leases attached.
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	(b) Titles for items on attached (certificates) (warrants). deluded new
	(c) Certified description and tracings for Proclamation purposes affor Joo.
	(d) Verify description (Provisional Register) (Renewable Lease (or) count of the
	(e) Acces of the St. Cot.
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7-	REMARKS: To be here on Pastorel AREA: 10576.0.00 (approx)
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*	for Commissioner of Grown Lands.
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896.

DUNEDIN C.1. 20th Merch, 1958.

Mr J.A.C. McKenzie. 12g R. D. CAMARU.

Dear Sir.

ANDS & SURVEY DINEDIN 21 MAR 1958 DES#ATCHED

DEPARTMENTINE 1 and 3. SCR 1226: Section 2, Block II, Sections 1 and 3, Block III, Section 1, Block VII and Section 2, Block VIII, Kakanni S.D. and Section 2, Block XIV, Kyeburn 5.D.

I refer to a discussion with Pestoral Lands Officer Ford of this Department concerning the offer of a Pastoral Lease over the above land.

Your Small Greating Run Lease will expire on 19th February, 1960. The Lend Sattlement Poers has decided that the land is pestoral and subject to your agreement a Partoral Lease will be issued in place of a Rescueble Lease to which you would be sommelly entitled as a repewal. The restoral Lease now offered is for a term of 35 years from tet July, 1960 and the broken period from tat March, 1960 to 30th June, 1960. The rental for the first term will be 2265 per annum which will be payable helf yearly in advance on the 1st January and tat July in each year subject to a rebate of 10% for prompt payment.

A Fostered lesse is a lease for a term of 33 years, perpetually renewable for similar terms but without the right to Trachold. Rent is based on a constant emparative which in your case has been fixed at 3700 succept including 1600 error and 50 partie and the lease will provide that this number of sheep any not be expected by more than 10% without the consent of the Commissioner of Cross Fauls. If mich consent is granted to increase in rental will be involved. Consent would be subject to review at any time and especially in the around of a transfer of the lease.

The limitedian described in the last perceptage applies solely to the land to be included in the Restaural Lease. White you continue to make your other land to be included in the perceptage white you continue to make your other landstood is expectation with the land under Friedman lease there will be no collection to accompany includes to 1800 even, and to contine percent lease. If in the future too inside the percent lease is worken separately the stock limits took of 1900 energy time 10% and 50 certile will here to be exampled with.

The new Tories (The class provide that you must not only byte or burn on any posture or burn of the company of

- (4) The base (at the part locate with the on area of a pares 300 cares of the base of the

If no reply is received from you within three months of the d-te of this r I shall assume that you accept the offer of the chies fastoral lease.

"RELEASED UNITER THE OFFICIAL INFORMATION ACT"

11 be required in due course.

Yours faithfully,

C.K. Brille. Commissioner of Orbun Lends. RELEASED UNDER THE OFFICIAL INFOR

/10 MAR 196

SURRENDER CLASSIFICATION.

WITHOUT COMPETITION

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H.O. D.O. SGR/ 1/226

CASE NO 5611

OTAGO LAND DISTRICT.

LESJEE:

John Arthur Charles McKenzie.

LAND:

Run Name: "Pisgah Downs".

Survey Description:

Section 2, Block II, Sections 1 & 3, Block III, Section 1, Block VII and Section 2, Block VIII, Kakanui S.D. and Section 2, Block XIV, Kyeburn S.D.

Area:

10,376-0-00p. /

Location:

On fair gravel road 35 miles west north west of Oamaru.

Amenities:

Rural Mail 3 times weekly: telephone and electricity installed: Store 10 miles: School 4 miles: Saleyards and Railway 14

LLASE:

Small Grazing Run Lease under Land Act 1924. Tenure:

Term:

21 years from 1.3.39.

Expires: 29.2.60. Rental Val: £3600.

Annual Rent: £180.

First selected 1892. Surrendered 1893. Re-History: selected but surrendered 1896. Reselected 21 years from 1.3.97 A.R. £86. 9. 4. Renewed 21 years from 1.3.18 A.R. 2140. Transfer of half share to present lessee 26.10.35. Renewed 1939 as above. Transfer of remaining half share to present lessee 24.7.51. (gift).

DOCKET:

Completed and filed on district office file.

CROWN

IMPROVEMENTS: N11.

Soil - schisty clay soils; northerly aspect; altitude 1600-5200 ft - est. 3rds of property below 3000 ft; mainly easy broad slopes intersected by gullies - some altitude deep; none ploughable; rainfall 30" - watered by creeks, sufficient; fair shelter from contour but inclined to be exposed to north; traces of browntop on some lower warmer faces; no erosion; no serious snow risk under good, management; Run well balanced although ewe and hogget blocks fairly high. Hog ets mostly wintered down country on turnips.

Present Cover (Summer country)

10 HAN 150E

3000 acres mainly snow and blue tussock.

7376 acres fescue, blue and a little silver tussock with snow tussock on dark sides and higher ridges. Other grasses include blue wheat grass, fog, browntop, plume grass and traces of white clover. Approx. 500 acres topdressed country has considerable montgomery clover showing up.

10376 acres total.

No weeds. A few pigs in spring which cause some teams losses. Area not in Rabbit Board district but one may be formed shortly. No rabbits at present.

OTHER	<u> MD</u>
HELD:	- 375

Leaseho]	<u>d</u>	(6	lovt. Valn.	31.1.5压)
RLF.98:	Secs. 47 & 49,			
	Blk.X, Maerewhenu	а		
	S.D.		560 375	185
RLF.104:	Secs. 48 & 54,		and the state of the	
	Blk. X, Maerewhen	ua		
	S.D.	150-2-22	365 250	115
LPs.774:	Secs. 32 & 63,	4		
	Blk.VII:,			

Maerewhenua S.D. 112-3-08 1920 1000 920

428-3-19 2845 1.625 1220

# BTOCKING:

(No tallies kept. Worked in conjunction with 429 acres other Crown leasehold).

# Estimated capacity for SGR. 1226 only:

1600 Ewes 1100 Wethers

1000 M.S. hoggets

3700 sheep 50 cattle.

## PRODUCTION

(Worked in conjunction with 429 acres other leasehold)

		Shearing Tally	Woo	ol (per sheep)	Deaths	<u>Lambing</u> <u>No.</u>
1951/52 1952/53 1953/54 1954/55 1955/56 1956/57		N/Av. " 4000 4057 3745 *	N/Ave 26843 28580 29725	11able) 11 12 13 14 15 16.7 17.0 18.0	5% N	1186 785 1143 ot Available. 1386 1514
	Av.	393L	28383	7.2	5%	1203

\* excluding about 300 stragglers.

(over total area of 10805 acres).

Ewes (A.D.)	Wethers	Lambs (Store)	Total
1952/53	317 (incls.232 fat)		317
1953/54 433 (inels.73 fat)	22 stores		455
1954/55 539	268 (incls.210 fat)		807
1955/56 474 (incl 11 fat)	ls.316 (incls.281 fat)	630 (incls. 165 fat)	1420
1956/57 1419	341 (fat)	372	1162
Av. 474	253	501	832

## Economic.

Net subdivisible.

Two minor boundary adjustments are recommended:

- (4) Excluded from the new lease will be an area approx. 100 acres situated along north bound of Sec. 2, Block II, Kakanui S.D.
- (2) Included in the new lease will be an arr $_{\sim}$ approx. 300 acres situated on north east. of Section 1, Block VIII and south east c Section 1, Block I, Kakanui S.D.

SUBDI JION AND BOUNDARY ADJUSTMENT: Cont d.) Area (1)
Area to be excluded from new lease has no practical access, there being a very rough rock bound gorge cutting it off from remainder of property.

Area (2)
Area to be included in new lease although lying to here to be included in new lease although lying to north west is purely summer country which has been utilised by lessee for many years by mutual arrangement with former adjoining lessee's husband. The exclusion of this strip of land makes no difference whatever to adjoining lessee's management and production. It has to date eliminated the necessity of having to fence boundary - a distance of almost 2 miles. As legal boundary cuts through face of a ridge the existence of a fence could not only be a trap for stock in event of early snow but could create maintenance difficulties due to pressure of snow.

MANAGEMENT:

D.

Perticularly well balanced property. Lessee not very active but makes up for this in his managerial ability. The acquiring of three small blocks of low country for winter feeding and hogget blocks has enabled him to utilize run to greater advantage.

(1) Roll 31.1.54 C.M.V. C.V. U.V. Impts. 11270 6070 5200

(2) Pastoral Lands Officer Ford 12.4.57 C.M.V.

Recommends Pastoral Lease at rental of £265 based on the following stock:

Flock	Ewe Equivalents	<u> </u>
1600 Ewes 1100 wethers 1000 K/S Hoggets	1600 550 670	
3700 sheep. Less	2820 220 for aerial topdressin winter feed and RLF.8	g, 19, 104
	& LPs.774. 2600 ewe equiv. @ £100 per £260	admini 19 a la la

Plus 100 cattle & £15 per 100 £15.-.-

Less 50 for other leasehold

£7.10.- 7.10.-£267.10.-. Say £265.

Stock limitation 3700 sheep plus 10% and 50 cattle.

CHIEF PASTORAL LANDS OFFICER: Although lessee may have been somewhat reluctant to supply stockandproduction figures it is evident he is a progressive farmer who has endeavoured to improcuntry. Pastoral Lands Officer interviewed lessee wagreed to accept Pastoral Lease and stock limitation. Concurs with Pastoral Lands Officer's recommendation

DISTRICT FIBLD OFFICER: Concurs that area be classified pastoral land suiffor Pastoral Lease.

RECOMMENDATION:

- That (a) pursuant to Section 54(1)(d) Land Act above area as adjusted Classified par land suitable for disposal on Pastor.
  - (b) pursuant to Section 145 Land Act 194 surrender of SGR. 1226 be accepted as

RECOMP DATION:

- (c) pursuant to Section 107(2) Land Act 1948 boundary adjustments as shown above be approved.
- (d) pursuant to Section 54(1)(f) Land Act 1948 John Arthur Charles McKenzie be granted a Pastoral Lease over the above land for a term of 33 years from 1.7.60 and broken period 1.3.60 30.6.60 at a rental of £265 per annum.
- (e) pursuant to Section 66(2) Land Act 1948 it be a condition of the above lease that stock carried on the property be limited to 3700 sheep plus 10% and 50 cattle. (Lessee to be permitted to run 4000 sheep plus 10% and 100 cattle while area is worked with other land as at present).

DECISION:

The Land Settlement Board on 5.3.50 resolved to approve recommendations (a), (b), (c), (d) & (e),

The Commissioner of Crown Lands.

or your Information and Action.

- 7 MAR 1958

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REQUISITION FOR WORK BY DRAUGHTING STAFF

The Chart Surveyor.

Please supply item ( ) following:

(a) Diagrams on draft leases attached.

(b) Titles for items on attached (certificates) (warrants). Length

(c) Certified description and tracings for Proclamation purposes.

(d) Verify description (Frovisional Register) (Renewable Lease (er) Deferred Payment License) (Warrant).

I belowed dithe showing sections Either supplied.

FROPERTY: Secon Blatt, 1, 3 Blatt, 1 Bla VII + 2 Bla VII Ka SID + dec 2 Klb XIV Kiphum St.

AREA: 10376 aco so supply 2 extra litho

Renewal instruction gpent & X.U. (5.0. 1065

for Commissioner of Crown Lands.

9/11/56.



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LANDS - F. 2.

aphic Address: LANDS."

Department of Lands and .

District Office DUNEDIN, C.1. 9th

ice DUNEDIN, C.1. 9th November, 1938.

MEMORANDUM for:

The Commissioner of Crown Lands,

DUNEDIN.



Secs. 2, Blk.II, 1 and 3, Blk.III, 1, Blk.VII, 2, Blk.VIII, Kakanui, 2, Blk.XIV, Kyeburn.
J.A. and Mrs. E. McKenzie.

Appended please find particulars required in connection with the above:-

18½ miles boundary fencing, half value, and 3½ mil 8 miles internal fencing,	les netted	l,	£596. 480.
Dwelling		•	1000
		* * *	
Stable and chaffhouse			75•
Men's quarters			70.
Shearing shed and yards	• • •	•••	330.
Dip and yards			80.
Garage •••			18∙
Windmill, ram and piping	• • •		60.
Plantations	* * *	• • •	50•
			£2759.

Unimproved value, 10376 acres,

£3600•

Suggested rental 5% = £180. per annum.

1200 ewes. 1200 dry sheep. Carrying capacity:-

Lambing:- 70%.

Death rate: 10%.

Wool Clip: 75 lbs.

This run generally lies well, the aspect being mainly north-easterly. It comprises easy to steep and somewhat broken hill country ranging from about 1700 to 5200 feet and with a fair snow risk.

The front country is well covered with native feed, the run generally giving the appearance of being judiciously handled. The most serious drawback is the wide and lengthy mining water races intersecting it for some six miles, which are more or less a death trap for lambs, these races traversing some of the best of the ewe country.

There is no cultivatable land, and the run is not suitable for subdivision. Mr. Mee, Supervising Field Inspector, is in agreement with the rental suggested for the new term.

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P 248

iss Bloxham

770 650

896 DUNEDIN

12 November 1981

The Manager Pisgab Downs Limited 12 CRD OAMARU

Dear Sir

I refer to your Company's application for the reclassification of Pastoral Lease P 248 to Farm Land tenure.

As a result of my investigations I regret to advise that your property is outside the criteria set by the Land Settlement Board for reclassification as the potential risk of erosion in the higher country precludes the lifting of the protection Pastoral Lease tenure affords.

Yours faithfully

G E Rowan Commissioner of Crown Lands

18613/11 per XXB 13/11

33°

3

CHIEF SOIL CONSERVATOR RAMSAY

Does not wish to comment in cases where application will obviously be declined.

SURVEY REQUIREMENTS

Survey required - client cost.

AERIAL PHOTO REFERENCES

SN 3629 Aerial photo 4772-4776.

RECOMMENDATION

That the application for reclassification be declined.

DECISION

The commission of the books

in ref 1248

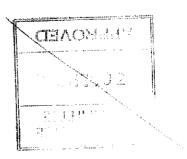
HCD U

No HOC house appeared bed house they they they had been been to be they they had he had not a skeld to comment.

Director-General

9/10/31 Devi PAVEL

HEAD OFFICE COMMITTEE



ALBH.

# LAND SETTLEMENT DOARD

# HEAD OFFICE COUNTTIES

## PASTORAL LAND

# APPLICATION FOR RECLASSIFICATION

FILES HO 8/9/354 DO P 248

HOC CASE NO SI 270

OTAGO LAND DISTRICT

#### PROPOSAL

To investigate the reclassification of Pastoral Lease P 248 to Renewable Lease tenure.

Lessee has applied for reclassification.

## DETAILS OF LEASE

Lessee: Pisgali Downs Limited

Part Section 1, Block I, Part Section 2 Block II, Sections 1 and 3

Block III, Section 1 Block VII, Part Section 1 and Section 2 Block VIII Kakanui

Survey District and Section 2 Block XIV Kyeburn Survey District.

Area: 4279.9554 ha Tenure: Pastoral

Run Name: "Pisgah Downs"

Term: 33 years from 1 July 1960

Annual Rent: \$530.00

Locality: McKenzie Road, 18 kilometres from Duntroon

Stock Limitation in Lease: 4070 sheep (incl 1760 br ewes) plus 10% and 50

cattle (no cows)

Stock Limitation approved 26/6/79

4300 sheep (incl 3000 br ewes) plus 100 cattle (incl no br cows)

(Present stock limitation endorsed 24/6/81).

#### VALUATION

Roll Value 26060/490 dated 1/10/78

VI \$85.000 LV \$300.000 CV \$385.000

LAND USE CAPABILITY CLASSIFICATION

And the Performance of the Parish		ONUMBER TOWTON		
Class		170	hectares	(4%)
	V	685	41	(16%)
	AIIE	2480	#	(58%)
	AIII	645	11	(15%)
	V A.A.A.	300	<del>11</del>	(7%)
	773 4 -			
	Total	4280	te	

THE CONTRACTOR OF THE CONTRACTOR

DESCRIPTION OF ARGENTATIAE COAES		
Oversown Tussock	1080	hectares
Tussock and Mative Grasses	3170	6.5
Barren Rock and Shingle	30	11
	4:Wilmer-	
Total	4280	9 i

#### SOIL TYPES

Back Block - Kaikoura steepland soils - greywacke detritus plus windblown localised accretion - very low fertility.

Gullies - Hurunui steepland soils - greywacke and weathered alluvium some patches of loess - moderate fertility.

Front Easy - Kakahu silt loam and Kakahu Mill silt loam - greywacke loess over greywacke gravels - low fertility.

## ALTITUDE, ASPECT AND CONTOUR

Altitude: 500-1633m. Aspect 70% NE, 30% SW Contour 30% steep, 70% easy/steep

#### STANDARD OF COVER

Majority of Run in native grass and snow tussock. Wind erosion on high altitude country. Generally reasonable standard of cover on Run.

# EROSION KISK (Type of Degree)

Wind and sheet erosion evident in Class VII and VIII country. These classes account for 22% of Run and potential exists for further erosion.

#### CLIMATIC FACTORS

Dry summers. Exposed to NW winds. Cool winters.

ACTUAL STOCK WINTERED (last three years)

	Ewes	Hoggets	Wethers & Rams	Total Sheep	Breeding Cows	Other Cattle	<u> Total</u> Cattle
1978	2800	725	865	4390	322	160	482
1979	3070	710	972	4752	312	245	557
1980	3170	730	1035	4935	323	348	671
1981	3200	740	1030	4970	320	442	762

# ACTUAL PRODUCTION

	Total Wool	Death Rate	Lambine	<u>Calving</u>
1978	15300 kilos	(av) $3-4\%$	85%	80%
1979	16600 "	3-4%	85%	80%
1980	17300 "	3 <del></del> 4%	85%	80%

If run with other land, estimate of carrying capacity as separate unit.

- (a) Present Assessed at 5500 stock units.
- (b) Potential 9000 stock units

Approximately 1/4 has been OSTD but another 1800 hectares could be OSTD. Present subdivision is adequate for existing management and carrying capacity.

#### FIELD INSPECTION

The property is a conservatively managed unit which has never been subjected to high grazing pressure. Accordingly there is little evidence of active erosion but it is likely with increased grazing pressure the position will change. There are areas at the highest point of the Run which are completely devoid of and support little vegetation. As altitude decreases the depth of topsoil increases, the occurance of shingle deposits decrease and the cover improves. Most of the bare ground occurs above 1200m and this comprises 5-10% of Run.

Recommends that Pastoral Lease tenure should reamin to maintain protection of the susceptible areas.

The DFO and CPLO agree that the existing Pastoral Classification be retained.

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File No.

file: PJUS V	HEAT ON TEPLICATION	FOR RECLASSIFICATION AS FAR	M TANTI
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<u>A A</u> : 4080		RUN NO:	
LOCATION: Molecula	Road	12 Kilometres from	Point mayo
RAIL: Controot	SALEYARDS:	RETTORIS POWER:	V To 10 10 10 10
TENURE: Pastoral	TORM: 23 YEARS F	ROM / JULY, 1960 A.R. \$	SCHUUL: 3. [Tro:]
Total Cantocal Tagger		LITY CLASSIFICATION	and the second section of the second
. PROPOSED FOR RECLASSIFI	CATION	B. BALANCE OF PROPERTY	
lass I	hectares	and the state of t	hood
" II	и		hectares
" III	#1		10
" IV	170 <b>u</b> 49		
u A	685 n 169		11
" VII W,S or C	2400 <u>58</u> 0		73
" VII E	645 " 15K		81
" AIII	300 <b>" 7</b> %		11
MOTAT	4220 ha.		ŧį
TOTALS:	4年(天) 社位。 ***		AND COMPARED THE STATE OF THE S
	DESCRIPTION OF	VEGETATIVE COVER	
		В.	
m pasture and lucerne	hectares		hectares
rsown tussock	1080 hectares		hectaras
sock and native grasses	3170 hectares		hectares
ħ	hectares		
ren rock and shingle	30 hectares		hectares
The many series			<b>hectares</b>
TOTALS:	4280 hectares		baskane

hectares

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Incai	lised approtion - mag	, low fortillity.	Grander Ind Greynskipie	detrito , be with home

)Gallies - Haranes Steepland soils - greywards not weathered alluvium. Home palebon or lumber - moderate fortility

(iii) Prout Rung - Kakabu cilt bram sod Kakabo Will bilt boom - gregwooks laeso over pope des gravels - Jou Sectifity. 1628

180 bill 5904 **1800**6. August 70% MI., 30% C. . Contour 30% steam 70 % early steam

Rejority of Rum is sative grass and a low test esk. What exculan on high altitude country. Standard by remandable standard of socie of Rum.

What and sheet crossion coldent in Class VII and VIII country. The old secure of the coldent of the control of the control of the coldent of the colde (1)

22, d' l'un uni potential estita for furtion estaton

Dry measure. Expensite N. J. winds. Coul minters

# CURRENT STOCK LIMITATION

<u>4300</u> Sheep (incl. <u>3000</u> Br.	ewes)	100_cattle	(incl.	ad. <b>1</b>	br.	cows)	)
--	-------	------------	--------	--------------	-----	-------	---

tual	Stock Wintered	(last three year	rs):(incl.	588 kill from	taá the comunities can t	1	·
	Ewes	Hoggets:	Wethers & Rams:	<u>Total</u> Sheep:	Breeding Cows:	0ther	<u>Total</u>
778 79	3800 3070	725 710	865 978	4390 4752	322	Cattle:	Cattle:
80	3170	730	1035	4754 4935	312 323	245 348	957 67 i
31	3200	740	<b>1</b> 030	4970	320	4/12	760
4 3	n ,						• • • • • • • • • • • • • • • • • • • •

tual Froduction:

	Total Wool:	Death Rate:	Lambing:	Calving:
78	15300 kilos (Av.)	3-4 %	85 %	80 %
79	16600 "	3-4 %	85 <sub>%</sub>	80 g
80	17300 "	3-4 %	85 %	80 %

run with other land, estimate of carrying capacity as separate unit

Present Assessed at 5500 stock units

After reclassification (if subdivision involved, of each portion). N.A.

9000 Stock units

Approximately 1 has been OSTD but another 1800 hectares could be OSTD. Present subdivision is adequate for existing management and carrying capacity.

- consider that from the point of view of erosion control, the land for which reclassification is sought requires the restrictions placed on it by a pastoral Yes. Here ground but wind and check problem increases eyes 1200 makers. Plat he stocked with care.
- Opinion of District Soil Conservator.

Written opinion to be requested.

- Do you consider that under present costs and prices the area proposed for 3 reclassification constitutes an econimic unit?
- Will its withdrawal leave a sound economic unit with a suitable homestead site and 4. good mustering access to this area?

MLAL

5. If an area is to be surrendered for retirement, is it practicable to separate it by fencing?

11.4.

- Has adequate provision for access to this area been made? 6.
- What measures should be taken for fire prevention and control?
- 8. hat do you consider its status should be? (Comment on: (a) Any potential for improvement of cover, (b) Recreational significance, (c) Water harvesting value, (d) Improtance in watershed protection.

he property is conservatively managed. Has never been subjected to high grasing pressure. .ccordingly there is little evidence of active eronion and it is likely that with increased razing pressure the position will change.

here are areas at the highest point of the Rom which are completely devoid of and support ittle vegetation.

s altitude decreases, the depth of topsoil increases, the occurrence of shingle deposits ecrease and the cover improves. Most of the bare ground occurs above 1200m. and this

comprises 5-10% of Run.

t should be noted that an application for reclassification of an adjoining property, Dome ills, was considered by Land Settlement Committee in December, 1980, and declined. Rome Hills s similar to Pisgah Downs in altitude and cover.

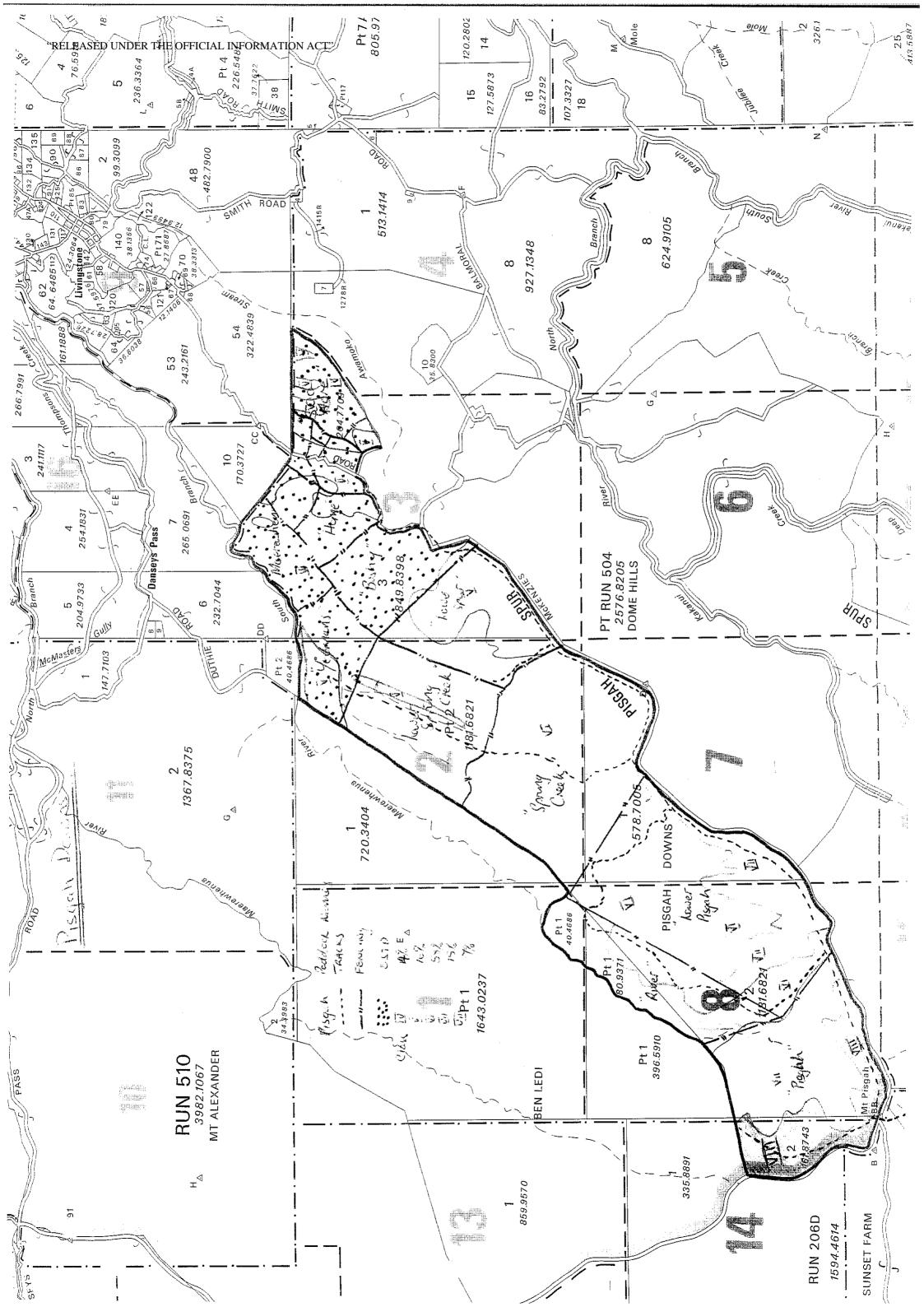
he pastoral lease tenure should therefore remain to maintain protection of the susceptible reas. Continue on Reverse if necessary

#### ECOMMENDATIONS:

THAT the existing pastoral classification be retained.

A.J.STILL, FIELD OFFICER

F.G./S.F.O.'s COMMENTS:	a hair say out so	Res Devel Service	stablet and	27 20 2 2 2 2 1
F. J. S. F. O. 'S COMMENTS:	a high altitude (	over some ( ) and be	thi Sufficient Not	Cotrally inselable
were of the interresent the west will not the same abtende a	actions of a Parton	Mensi Helyne enc.	non is occurren	g on findler
DFO'S COMMENTS: At	our sovolast. Plus	the factors is also	why wounted to	reclassification.
Recon	ever 5000° ast. place deme 170's recommende sure sale tien, e.	aborale To	24 Sy Si	un (1)
		1 (3)	139/2	1397



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P 2118

iss Bloxham

770 650

June 1995

896

DUNEDIN

22 January 1981

Mr J A C McKenzie Pisgah Downs 12 C RD OAMARU

Dear Mr McKenzie

RECLASSIFICATION: PASTORAL LEASE P 248

I refer to your letter received in this office on 12 January 1981 and advise that your application to have your Pastoral Lesse reclassified is being investigated.

I will advise you of the decision as soon as it comes to hand.

Yours faithfully

G E Rowan Commissioner of Crown Lands

per MAB 221

Ŝζ,

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The second of the second CD was in Place mother what is an end that make the maparty will be maked the make th

HB - Stock increase report
says not surtable.

See DFO for programm
for this.

Acknowledge.



# WAITAKI CATCHMENT COMMISSION AND REGIONAL WATER BOARD

Copied for purposes of CPL tenure review due diligance from file: P216, VoB 37 Wynyard St.

P.O. Box 110 KUROW

TELEPHONE 819

File:

2/7/1

Your Ref: 3/13/22

17 January 1986

The Commissioner of Crownlands Department of Lands and Survey P 0 Box 896 DUNEDIN



ATTENTION: MR K STEWART

Dear Sir

HIGH COUNTRY LAND DESTOCKING AND POLICY

Thank you for your letter of 3 October 1985, in which you seek a variety of data relating to Pastoral Lease landholdings within the Otago part of this Commission's district. The details which you seek are enclosed.

Yours faithfully

/i- Μ/ν

P H Hill PLANNING MANAGER

PHH: AF

# SOIL AND WATER CONSERVATION PLANS ON OTAGO PASTORAL LEASES

Landholding		P Number and tus	Date of Land Improvement Agreement
P18 Omarama	24		
rio Umarama	20	, operative	February 1978, never
P19 Dunstan Downs	89	lanced incomplete	registered
P20 Longslip	109	, Lapsed incomplete , operative	
P75 Birchwood		, no plan	9 August 1982 No LIA
P112 Aviemore	143	, complete	17 December 1974,
	,	· comprete	not registered
P145 (096) Rugged Ridges	65,	. operative	2 August 1975,
P146 Loch Lomond	29		not registered 15 January 1974,
P1/O Hunton Cons	107	,	not registered
P149 Huxley Gorge P197 Kyeburn		no plan	No LIA
r ivi kyeburn	100,	complete	14 February, 1977,
P198 Twinburn	177		not registered
P199 Ben Ledi	100,	operative	9 December 1985
P200 Dunstan Peaks		complete	No LIA
, 200 builstail Feaks	00,	lapsed incomplete	
P204 Twin Peaks	137	operative	not registered
P205 Bellamore -		operative,	15 October 1985
		ually complete	10 December 1984
P206 Danseys Pass	88.	complete	No LIA
P207 Killermont		operative	14 Nov 1972, 13 April
	/	ope, acree	1976, not registered
P209 Berwen	32,	lapsed,	4 July 1968, 22 Dec
		ually complete	1976, not registered
P211 Birdwood		lapsed incomplete	14 December 1971.
	_		not registered
P220 Ahuriri Downs	61,	complete	9 August 1972,
B222 -			not registered
P222 Ben Ohu	11,	no plan	22 July 1976, not
D2/7 (095) D1/		_	registered
P247 (085) Ribbonwood	14,	operative	29 Oct 1973, 12 Sept
B2/8 D4	77		1977, not registered
P248 Pisgah Downs	23,	complete	12 July 1977, not
P251 Ben Avon	76		registered
		operative	June 1985
	58	operative	11 July 1984
res int Atexamide	راد	complete	13 Feb 1973, 14 Nov
P292 Dalrachney	281	operative	1977, not registered
P304, P305 Otematata	40	lanced incomplete	No LIA
	,,,	capsed incomplete	
P309 Rostrievor	124	no plan	registered No LIA
P310 Bog Roy		operative	1/ 4 11 4000
= - 5	,	operative	registered 1980, not
P336 (088) Quailburn	91.	lapsed incomplete	0 4050
	,		Y August 1977, not registered
P343 Otamatapaio	7.	operative	9 March 1981
090 Mt Ida Syndicate	115.	no plan	No LIA
U91 Soldiers Syndicate	107,	no plan	No LIA
U95 Lone Hill	5,	complete	No LIA
098 Awakino			12 July 1982
			1 December 1970,
			not registered

S214, S263 Glencairn 33, operative 29 March 1985 S216, S439 Buscot 79, operative 13 February 1973, not registered S217 Glenbrook 31, operative 31 July 1970, not registered. S214, S263 Peak Valley 43, operative 29 March 1985 S264, S400 Totara Peak 15, operative 8 februrary

# DETAILS OF DESTOCKING, RETIREMENT AND SURRENDER

Landholdings with no destocking arrangement are not listed in this section.

#### **DUNSTAN DOWNS**

A run plan was prepared in 1974, which provided for the retirement of 760 hectares. It was approved by the Soil Conservation and Rivers Control Council "subject to the lessee agreeing to surrender of the retirement area from his present pastoral lease title with its right of renewal, to such tenure as may be required by the Land Settlement Board, once the retirement fence is completed and the alternative grazing provisions are satisfied."

The offsite grazing was all established, but the retirement fence has still not been erected, and the financial authorisation to proceed with the work has lapsed. The Commission has been unable to arrange for the holders of the lease to sign a Land Improvement Agreement.

#### RUGGED RIDGES

With the raising of Lake Aviemore in the late 1960's, the two runs Garguston and Rugged Ridges were amalgamated. The Department of Lands and Survey and this Commission conspired for the poor lands about St Mary's Range summit to be removed from Pastoral Lease and issued a Pastoral Occupation Licence with a Nil Grazing limit instead. lessee agreed with this subject to the "retirement" fence being erected at no cost to himself. A Soil and Water Conservation Plan was prepared in 1975, providing for the retirement of 3608 hectares, including the 3035 hectare POL area. The plan stated "the present POL will be continued until the retirement fencing is completed and offsite grazing consolidated. The area behind the retirement fence can then be incorporated with a Catchment Management Area for the St Marys Range". The plan was approved by Soil Conservation and Rivers Control Council subject to the condition "that the proposed grazing controls contained in the plan, and the provisions already established for the future land tenure of the retired areas are adhered to." The retirement fencing and offsite grazing have been completed, and Lands and Survey action on Land Tenure is now appropriate.

#### **KYEBURN**

In 1976 the Department of Lands and Survey initiated a land tenure deal with Kyeburn Station, to replace a Pastoral Occupation Licence with a Special Lease, and with "the surrender of 5030 hectares (approx) of Pastoral Lease 197.. as at 31 December 1976. The surrender area will be retired in conjunction with the Waitaki Catchment Commission run plan." The run plan was duly prepared and considered by the Commission in February 1977, involving the

retirement of 5178 hectares. The plan has been satisfactorily completed, but the land tenure issue which was the trigger for the program remains to be concluded.

#### BELLAMORE .

A third 5-year Soil and Water Conservation Plan for this landholding was considered by the Commission in 1976, involving the retirement of 1105 hectares, including 279 hectares of adjoining "Roseneath" which was traditionally occupied in adverse. The plan proposed that "when the retirement is complete, the area above the retirement fence be surrendered from the lease and incorporated into a Catchment Management Area for the St Marys Range ...." This plan received Soil Conservation and Rivers Control Council approval subject to "cattle only" being used for any emergency permit grazing of the retired area. The works are complete, and tenure adjustment should now proceed.

#### KILLERMONT

A Soil and Water Conservation Plan for this landholding was prepared in March 1976. It provided for the retirement of 880 hectares, subject to "following retirement the land be held on a 5 year POL with nil stock limit ..." The work proceeded until it came to the retirement fence, when the lessee negotiated with the Commission to alter the run plan to provide for continued grazing of the retirement area under a Pastoral Lease, despite the previous provision of 100% compensation for a generously estimated loss of grazing. Water and Soil Division Staff expressed concern at such variation without reference to Soil Council, but to date this remains the situation, and while no land tenure action is appropriate at this stage it will probably be necessary for the Commission to reopen these negotiations with the lessee and the Lands and Survey Department.

#### BERWEN

A Soil and Water Conservation Plan was prepared in February 1968, whose "major proposals are centred on the retirement of Basin and Pass blocks from sheep grazing, and partial replacement with cattle." A 100% grant fence was proposed which, "together with boundary fences and the Downs block fence formerly erected as a work in advance of the plan, will form the boundaries of the 8440 acres (3416 hectares) to be retired from sheep,... The plan was approved by Soil Conservation and Rivers Control Council in June 1968, "subject to the Pastoral Lease being changed to Pastoral Occupation Licence with a "cattle only" grazing clause for the area behind the grant fence." In July 1976 a second 5 year Soil and Water Conservation Plan was considered by the Commission, to consolidate the works undertaken to date. The plan stated "the runholder, Department of Lands and Survey field staff, and Commission staff have jointly agreed that following retirement the land be surrendered from the permanent lease ... subject of a management plan ... permit grazing of up to 200 s.u. as cattle." Works were undertaken but the program not completed; financial authority for further works has now lapsed. Cattle dropped in value, and wethers were substituted on the "retired" area. The property has since changed hands, but the retirement fence and offsite grazing were all provided, and the land tenure ought now to be adjusted as originally agreed in recognition of the Commission having bought most, it not all, of the lessee's legitimate interest in the mountain lands.

A run plan involving land retirement was successfully negotiated with the previous lessee, and minor grant offsite works were provided. The subsequent lessee preferred to have nothing to do with land retirement and the program was simply discontinued and has lapsed.

#### AHURIRI DOWNS

A Soil and Water Conservation Plan for this landholding was considered by the Commission in June 1972, providing for the retirement of 789 hectares. The plan was approved by Soil Conservation and Rivers Control Council "subject to the 1950 acres being retired being converted to a Pastoral Occupation Lease with a no grazing clause." The works have been completed and the land tenure actions should now proceed. In this particular instance, a neighbouring Pastoral Lessee has recently rejuvenated their mutual boundary fence, including that adjoining the Ahuriri Downs retirement area, and there was some acrimony as to whether or not Ahuriri Downs should carry half the cost of that portion of the fence. Accordingly, the early attention of the Department of Lands and Survey to land tenure in this instance is desirable.

#### RIBBONWOOD

The first of 3 Soil and Water Conservation Plans for this landholding was considered by this Commission in May 1966, and was "centred on the retirement of the Summer Wether block and part of the Front block." The Commission's approval was "subject to the condition that 6280 acres (2141 hectares) in the Summer Wether block, Front Block and Winter Wether block are permanently retired from grazing." By 1971 the retirement had largely been achieved, largely propelled by low fine wool prices and consequent disposal of the wether flock. The remaining ewes and cattle were not seen as a threat to high altitude lands, so the erection of the retirement fence cutting off the Land of West Diadem Creek was deferred indefinitely.

Between November 1974 and July 1975 there was an exchange of letters between this Commission and the Commissioner of Crownlands in Dunedin on the subject of the status of the retired land on Ribbonwood. The Commission recommended that the area revert to Pastoral Occupation Licence, rather than be surrendered, until something comprehensive could be arranged for the Diadem Range. Accordingly, the Department proposed to the then lessee that the 1000 hectares retired be removed from the Pastoral Lease as at 31 December 1975, and reissued under a Pastoral Occupation Licence for 5 years with nil grazing. There was some haggling over whether wethers should be permitted as of right on the remainder of the run.

In December 1977 a 2nd SWCP for Ribbonwood was approved by the Soil Conservation and Rivers Control Council "subject to the retirement area of 80 hectares being surrendered from the title." This 80 hectare area is a steep eroded gully facing Northwards to the Ahuriri East Head, away from the earlier retirement area. Lands and Survey Department correspondence in January 1979 indicated that the larger retirement area, of approximately 1050 hectares was made subject to POL with nil grazing on 1 July 1976.

In September 1983, Lands and Survey Department requested the Commission's opinion on the availability of restricted grazing on the 1160 hectare Ribbonwood retirement, at about that time concern was also expressed about the spread of trees from the Commission's revegetation works within the retirement area.

Between October 1984 and December 1984 was a mildly intemperate exchange of letters between Lands and Survey and the Commission on the subject of the removal of the offending trees from the retirement area, which produced the surprising statement from Lands and Survey that "the retirement area is still currently included in the Pastoral Lease ..."

Clarification of the tenure situation, with remedial action if necessary, would now appear to be an obligation upon the Department.

#### SUNNY PEAKS

In July 1984 a Soil and Water Conservation Plan was accepted by the lessee, providing for 1670 hectares on the Otematata River side of St Marys Range to permanently destocked. No alteration to land tenure was proposed.

In September 1985, a second Soil and Water Conservation Plan was approved by the National Water and Soil Conservation Authority, "subject to agreement to the surrender of 3331 hectares of Class VIII and Class VII land that has been, or is to be, destocked so that a management plan can be prepared and implemented by Lands and Survey Department." This 3331 hectares includes the land to be retired on the Kurow side of St Marys Range, as well as the land retired on the Otematata River side of the range under the earlier program. The lessee has not yet indicated his acceptance of the latest proposals, but I expect to be able to advise you of land tenure alteration requirements for Sunny Peaks within the next 3 months.

#### QUAILBURN

Upon expiry of a previous non-renewable lease, a Pastoral Lease was issued for the Southern part of this run, with the remainder under a Pastoral Occupation Licence. In 1976 the Department of Lands and Survey actively sought the Commission's involvement in the preparation of a Soil and Water Conservation Plan to provide for the "retirement" of the Northern POL area. The plan was duly prepared and considered by the Commission in August 1977, and approved by the Soil Conservation and Rivers Control Council in January 1978. Soil Council indicated that it would advise the Director General of Lands that the Pastoral Lease boundary undergo minor adjustments to fit the best fenceline, and that the POL lands should be resumed by the Crown when alternative grazing had been provided.

There followed a series of enquiries from Lands and Survey into progress with the erection of the retirement fence, but while some offsite grazing works were carried out, and retirement fencing materials purchased, there has to this date been no progress on the erection of the retirement fence. The financial authority for this fence has lapsed, and it appears that this Commission is now obliged to make the necessary arrangements for the completion of the retirement fence before the Department of Lands and Survey can take further land tenure action.

#### OTAMATAPAIO

A Soil and Water Conservation Plan in serveral stages has been operative since 1963. The June 1968 the Soil Conservation and Rivers Control Council clarified that its approval of the two earlier stages required "the Class VIII land in Range Block ... to be permanently retired, when the balance of the alternative grazing is provided sometime during the third stage, and ... the area is then to revert

from PL to POL with a clause prohibiting sheep grazing."

The 3rd stage plan was approved by the Soil Conservation and Rivers Control Council in December 1980, subject to "the destocking of 2675 hectares of severely eroded Class VII and VIII land on the Range Block and the immediate surrender of the destocked land from the lease, this being registered on the lease by a variation document whilst survey is awaited; a POL for a term of 5 years from the date of surender being issued with a stocking rate and the type of stock to be determined jointly by Lands and Survey Department and the Commission." Retirement fencing and offsite grazing have been completed, and the Department of Lands and Survey should now address the issue of land tenure on the retired area.

#### LONE HILL

The land retirement issue on Lone Hill is complex, and the Commission's records are incomplete, although I believe the Department of Lands and Survey has the matter under control. A Soil and Water Conservation Plan was negotiated in 1975, integrating the retirement of high altitude lands on Mt Domet with the freeholding of lower, safer farm land. The plan provided for the retirement of 987 hectares, to "be surrendered from the lease, and revert to such tenure as the Land Settlement Board may direct." The works have been completed, and although the Commission does not have the appropriate documents I understand the retirement land currently has the status of Rested (Wrested?) Land. I recall there being substantial problems with the survey of new boundaries about 7 years ago, and accordingly believe that the management of retired lands on Lone Hill is already in the hands of the Department of Lands and Survey.

#### **AWAKINO**

Attempts were made since the mid 1970's to secure the retirement of high altitude lands on Awakino as part of a freeholding deal, the run having been under Renewable Lease. A Soil and Water Conservation Plan to secure the retirement and surrender of 730 hectares was approved by the Soil Conservation and Rivers Control Council in December 1979, but was frustrated by that Council's revision of subsidy rates. protracted haggling, conversion of most of the Renewable Lease to Deferred Payment Licence occurred, with the 730 hectares Tin Hut block reverting to a 21 year (from 1982) Pastoral Occupation Licence limited to 1500 wethers for 4 months. While further land tenure action will not be appropriate until 2003, the Department of Lands and Survey should be aware of the non existence of back boundaries to the POL area, and should, if it is able, keep the level of the stock limit under review. Land tenure adjustments that may prejudice the objectives for this land clearly stated by both Soil Council and Lands and Survey during the late 1970's should not be entertained meanwhile.

#### **GLENBROOK**

A Soil and Water Conservation Plan was prepared in 1970, "the major purpose of ... (which) ... is the permanent retirement of 1630 acres (660 hectares) of substantially Class VIII land in the Southeast corner of the property." The approval of the Soil Conservation and Rivers Control Council in July 1970 was "subject to the 1630 acres of mainly Class VIII land being permanently retired. The status of the land retired from grazing to be discussed between the Waitaki Catchment Commission and the Lands and Survey Department." These discussions proceeded, resulting in letter of 22 January 1971 from Lands and Survey Head Office to the Director of Water and Soil

Conservation, agreeing that the 1630 acres should be converted to Pastoral Occupation Licence with a no grazing clause, once retirement fencing and offsite grazing had been "appropriately established." The retirement fencing and offsite grazing have now been in place for more than 10 years, so it is now perhaps timely for action from the Department of Lands and Survey in respect of land tenure.

#### PEAK VALLEY

A Soil and Water Conservation Plan was considered by the Commission in JUne 1984, which intended that "some 1200 hectares of Class VIIe and VIII land on the Northeast face of Totara Peak (being part of Totara and Black block of Peak Valley Station) will be separated from land capable of sustaining permanent pastoral use." The NationalWater and Soil Conservation Authority approvel this plan in February 1985, subject to "complete destocking of 1200 hectares of Class VIIe and VIII land in the top of "Totara" and "Black" Blocks on Peak Valley Station and immediate surrender from the lease with grazing permits being organised by Lands and Survey Department for the transition period of offsite development, noting that the area is Otago Unitversity Lease and that surrender is to be discussed between Lands and Survey Department and Otago University." As the plan has been formally accepted by the lessee, land tenure action by the Department of Lands and Survey should now take place.

#### TOTARA PEAK

In 1962, the Crown resumed the Falstone Downs run, with a view to amalgamating the better part of it with a neighbouring run to compensate for land lost by the raising of Lake Benmore, while the higher, poorer lands were to be retained by the Crown to "be completely spelled from grazing for a period of at least 10 years." Subsequently the run country was incorporated into Totara Peak Station, which was also issued a 10 year Pastoral Occupation Licence over the 3200 acres of poor high country with a nil stock limitation.

In 1978 a Soil and Water Conservation Plan was prepared which "will effect retirement of the POL are ..." of 2150 hectares. Its approval by the Soil Conservation and Rivers Control Council in November 1980 was "subject to the area to be retired being surrendered from the lease." The retirement area is, of course, already under licence, rather than lease, so the obligations upon the Department of Lands and Survey appear to have been fulfilled. It will, however, be appropriate for the Department to now consider the future of the three retired areas on Benmore Range in terms of whether Pastoral Occupation Licences remain appropriate.

P H Hill PLANNING MANAGER

16 January 1986

# MAITAKI CATCHEENT COMMISSION AND REGIONAL WATER BOARD "RELEASED UNDER THE OFFICIAL INFORMATION ACT"

Council

# SOIL AND WATER CONSERVATION PLAN NO. 23

J.A.C. McKenzie, & Son, "Pisgah Downs", Livingstone.

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# PROGRAMME REVISION FOR 1ST 5 YEAR PROGRAMME AND 2ND 5 YEAR PROGRAMME

# 1.1 Works Completed and Subsidies Paid

Advance Works	Total Cost	Subsidy
Programme Works - 1970 - 1977		
Conservation Fencing (2:3 & 1:1)	4.9 km 7 198	2 398
Retirement Conservation Fencing (2:1)	3.5 km 5 628	3 752
Cattleproofing	9.64km 3 158	1 444
Strategic Firebreaks	9.95km 3 348	2 232
Internal Firebreaks	6.15km 811	382
O.S.T.D.	121 ha 1 392	696
Stock Ponds	6 640	320
Total	\$22 175	\$12 297
	\$28 002	\$14 695

The property has received \$8 652 in Net Subsidy in the 1st 5 year programme.

# 1.2 Evaluation of Programme

Effective use has been made of sheep and cattle for roughage control. Depleted lower areas are being spelled for winter and spring grazing, and mob stocking is being used on the higher blocks, particularly after weaning in January. Cattle are being used to advantage on the midaltitude blocks. There is however, a need for further cattle on the higher areas of Pisgah block, particularly in the future the area being spelled above the 2:1 conservation fence.

The O.S.T.D. which has been carried out has been maintained and is greatly assisting production. There are now 700 ha regularly treated with a further 250 ha on the Bog Side block, planned for O.S.T.D. this coming spring.

The track systems have assisted access through the property, and the road constructed by the County along the Dome Hills/Pisgah Downs boundary into Stoney block has made all weather access practical. This has made possible the construction of cattle yards at the top of Springs block, and an airstrip in Bushy block.

The strategic firebreak and access tracks through the Pisgah, Stoney and Springs blocks are serving their purposes adequately.

"RELEASED	UNDER THE OFFICIAL INFORMATION AC	T" <u>Total</u> <u>Cost</u>	Subsidy Rate	Subsidy	Local Share
2.6	4th Year 1980/81				
	Job 13 Trees - Livingstone O.6 km	1 208	2:1	805	403
	Job 15 Fencing - Pringles Gully 0.6 km	1.208	2:1	805	403
	Sub Total	\$2 416		\$1 610	\$806
2.7	5th Year 1981/82				
	Job 10 Conservation Fencing 2.5 km	5 368	1:1	2 684	2 684
	Sub Total	\$5 368		\$2 684	\$2 684
•	Total of Programme	\$16 575		\$8 890	\$7 685

#### 2.8 Recommendation

It is recommended the above programme of works be approved with specific approval for the current year.

> P.A. Hurst Conservation Technician 27 June 1977

Recommendation endorsed:

R.V. Maxwell

Chief Soil Conservator

27 June 1977

# "RELEASED UNDER THE OFFICIAL INFORMATION ACT" $\underline{\texttt{Appendix}}$

# Levised Unit Costs

1.	Conservation	Fence

Materials: To N.Z.A.E.I.

Specifications Freight and Labour

\$18.00/20 m 14.00/20 m

\$32.00/20 m

\$1600/km

2. <u>Cattleproofing</u>

Specifications as before

\$ 500/km

3. Fencing for Treeplanting

Materials: As for 1 above

Freight and Labour

\$18.00/20 m

\$12.00/20 m

\$30.00/20 m

\$1500/km