

Crown Pastoral Land Tenure Review

Lease name: OTEMATATA

STATION II

Lease number: PO 305

Due Diligence Report (including Status Report)

- Part 3

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.

CANTERBURY REGIONAL COUNCIL RABBIT AND LAND MANAGEMENT PROPERTY PLAN OTEMATATA STATION

Mr H Cameron Otematata Station Otematata

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CANTERBURY REGIONAL COUNCIL RABBIT AND LAND MANAGEMENT PROPERTY PLAN

PROPERTY NAME: OTEMATATA

ADDRESS:

Mr Hugh Cameron Otematata.Station OTEMATATA

SUMMARY

This Rabbit and Land Management Programme for Otematata involves a five year programme of Pest Control and Land Management works which will work towards achieving the objectives outlined. It involves:

- Primary poisoning of 12,700 ha. A further 3589 ha have been included in years 4 and 5 at zero grant rate. It is hoped that manpowering efforts will make this operation 1) unnecessary. Follow up work will be carried out as required.
- 2) 21,650 m of rabbit netting fence.
- 3) Land treatment on 1400ha.

The total estimated cost of the programme is	\$481,364
Farmer's share is	\$161,961
MAF/CRC Share	\$319,403

This equates to an overall grant rate of 66%.

INTRODUCTION 1.

The objective of the Rabbit and Land Management Programme is to improve the long term sustainability of the land resources in semi-arid areas where they are threatened by rabbits.

This will be achieved by the implementation of a rabbit and land management property plan. The property plan will be a cooperative plan developed between the landholder and the Canterbury Regional Council.

The overall aim of the plan is to:

- Achieve the long term protection of the land resource through wise land use and management.
- Coordinate rabbit control with appropriate land management.
- Prevent avoidance of bait or toxic shy rabbit populations.
- Achieve a reduction in the long term costs of rabbit control.

2. **OBJECTIVES**

The objectives of the plan for Otematata are:

- 2.1 To lengthen the poison interval particularly on highly rabbit prone land and prevent the development of bait or toxic shy rabbit populations.
- 2.2 To improve the vegetative cover of the severely depleted rabbit prone land.
- 2.3 To reduce the spread of Hieracium.
- 2.4 Reduce the long term costs of rabbit control on Otematata.

3. LOCATION/ACCESS

Otematata Station is situated on the south side of SH83, 90 km from Oamaru. It lies-to the west of the Otematata River and Clear Stream and runs back to the Hawkdun Range.

4. LEGAL DESCRIPTION

Pastoral Lease CT 2C/585 Run 742 Galag & Turnagain SD ** CT 2C/586 Run 743 Galag & Turnagain SD	12,780.1128 12,787.3814
Freehold CT 296/215 Section 1 Blk 8 Gala SD CT 7C/1108 Section 43 Blk 8 Gala SD	25,567.4942 37.2311 _ 4.6913
	41.9224
Total Area	25,609.4166 ha

Area funded for R & LMP: 8132 ha

5. CLIMATE

1

Like Aviernore Station, Otematata is subject to extremes in climate. It lies within a rain shadow both from the south and north west. Average annual rainfall is 300 mm around the homestead increasing to 1250 mm on the southern and western boundaries where a considerable proportion falls as snow.

Persistent desiccating north west winds can negate the little rain that does fall resulting in soil moisture levels being below wilting point for most of the year.

During the winter months frosts are severe.

All these factors limit the growing season and pose a real problem in introducing grasses and clovers to the native sward.

6. TOPOGRAPHY

The property is characterised by its large tracts of easy country dissected by rivers and streams. Where this occurs steep faces descend into the streams. 50% of the property lies above 1000 m and generally this is of easier topography than that below 1000 m. Altitude varies from 270 m at Lake Aviernore to 1849 m on the Hawkdun Range.

7. **VEGETATION**

Vegetation below 900 m on the sunny faces is a sparse sward of fescue and blue tussock, native grasses and scabweed. On shady faces the vegetation is more vigorous but *Hieracium pilosella* is encroaching into the sward and having a detrimental effect on the short tussock



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vigour. Above 900 m snowgrass is dominant. Scrub (Coprosma, matagouri, lawyer) is present in many of the steep river faces.

8. EROSION

	Area (ha)	% of Property
Slight 0-10% bareground Moderate 11-20% Severe-Extreme >20%	6140 13370 <u>6140</u>	24% 44% 24%
•	<u>25650</u>	-

9. LAND USE CAPABILITY

Class	Area (ha)	% of Property
III IV VII VIII	330 120 7100 14960 <u>3140</u>	1.5 .5 28 58 <u>12</u>
	<u>25650</u>	

10. MANAGEMENT

10.1 STOCK NUMBERS - 1991

Stock	Actual Number	Stock Units
Stud Ewes MA Ewes Four Tooth Ewes Two Tooth Ewes MA Wethers Two Tooth Wethers Four Tooth Wethers * MS Hoggets Rams Others	400 3600 1400 1500 3550 1300 1250 4400 150 350 17900	400 3600 1400 1500 2485 1050 875 3080 105 350 14845
Cows Heifers Rsg 2 yr Heifers Rsg 3 yr Rsg 2 & 3 yr Steers	80 20 20 45	480 80 90 <u>202</u>
•	165 Total stock units	<u>852</u> <u>15697</u>

^{*} Carried at Little Awakino

10.2 STOCK LIMITATION

16000 sheep including 6000 ewes 450 cattle including 220 cows

10.3 STOCK PERFORMANCE

Wool weight

3.8 kg/sheep

Lambing

80%

10.4 GRAZING PATTERNS AND MANAGEMENT

Lambs are weaned in March. The majority go to Awakino Downs but some 300 are retained in the Top Fine Ewe and Riverbed blocks. After hogget shearing (mid September) the 2th ewes go to Long Spur and Round Knobs. The 2th wethers go to Long Gully in mid October at which time the 2th ewes are run in with them until mid November. In mid November the 2th ewes go to Waterfall till mid April and the 2th wethers to the Otamatapaio Spur till mid April. Two tooth ewes are wintered on the Gorge and Front Saddle blocks; the two tooth wethers on the Long Spur; Top and Bottom Backyards Paddock. After shearing the 1500 4th wethers return to the Top Backyards Paddock until the end of November then to the Springs for December/January. The 4th ewes go to Long spur and Round Knobs then to Long Point Basin from December-mid April.

All ewes are supped on Front Gorge, Back Gorge and Back Saddle then wintered on the Round Knobs, Long Gully and Chimney blocks before being spread out for lambing on Top Fine Ewe, Front and Back Gorge, Front and Back Saddle, Gorge, Downs and Forks. After docking they are moved onto Long Gully, Chimney, 1000 Acres, and Top Long Point until weaning when they go to Turnagain then Top Long Point.

11. PROGRAMME TO ACHIEVE OBJECTIVES

11.1 OBJECTIVE ONE

To lengthen the poisoning interval, particularly on the highly rabbit prone land and prevent the development of bait or toxic shy rabbit populations by:

a) Using appropriate follow up techniques to reduce and maintain low post poison populations.

Otematata has had a high poisoning frequency. Problem blocks include the Forks, Front Saddle, Back Saddle, Paddocks, Gorge, Wether Range, Backyards paddocks, Downs and Charlie Free blocks. The primary strategy for lengthening the poison interval on these blocks is to follow up the primary poisons with manpower techniques. Mr Cameron has employed a man full time to carry out appropriate follow up control. He will use methods such as night shooting, day shooting, trapping, pindone poisoning. To date the manpowering has been very successful with post poison populations being reduced in many instances.

Subdivision of the highly rabbit prone land into five compartments using netted fences. This will enable post poison populations to be confined for follow up. The netted fences will also confine rabbit populations during poisoning and reduce the risk of exposing of the population to 1080 poison twice in two years where poisoning is done either side of a fence in consecutive years.

A small length of fence 600 m in the Top Fine Ewe Block will join an existing netted fence and complete the subdivision of the front country into two rabbit control compartments.

8200m of existing fence from the Otematata River up Long Gully to the Back Yards paddocks will be neared. This will separate the Front Country off.

A further 8000 m of existing fence will be netted from the Thousand Acre Block, back to this fence.

Joining this will be another netted fence 4850 m following the top of The Downs through to the Bog Roy boundary.

All netting will be onto existing fences.

c) Using the most effective baits and toxins and ensuring that the appropriate rates are applied according to the rabbit density. Oats have been the dominant bait used on Otematata. Carrot has been used in the 1990 and 1991 operations. Pindone may be used to patch poison "hot spots" in order to push out the 1080 poison intervals to over five years. All the rabbit prone land has been poisoned in 1990/91. Results with carrot have been excellent.

11.2 OBJECTIVE TWO

To improve the vegetative cover of the severely depleted rabbit prone land by:

a) OS & TD on the lower reaches of The Forks block (400 ha) which has a bare ground rating of 40%. The vegetative cover is severely depleted (mainly scabweed) but soils are relatively deep on the easier sloping land and should enable a good sward to be established. (The lower area of the Forks block (550 ha) will be subdivided from the upper area (650 ha).)

Spelling for at least two years will be necessary to enable a good vigorous sward to establish following OS & TD. Subsequent grazing will be take half leave half thus allowing organic matter to accumulate providing protection for the soil. To achieve this spelling, the 800 ewes which are lambed on The Forks will be reduced to 400 which will be lambed on the newly created Upper Forks (650 ha). The balance (400) will be lambed on the Back Gorge. This has been OS & TD last spring (1991) to lift the carrying capacity of this block to accommodate these modifications in the spring of 1993. This OS & TD on the Back Gorge will also work towards achieving objectives 2 and 3.

In the spring of 1994 the 300 ha of the Bottom Wether Range block will be OS & TD to improve the vegetative cover and prevent hieracium spread. The species and establishment technique used in treating the area will be decided on pending the results of trials Mr Cameron is carrying out.

11.3 OBJECTIVE THREE

To prevent the spread of Hieracium.

Both the Back Gorge (700 ha) and the Bottom Wether Range (300 ha) will be OS & TD with appropriate species. As well as reducing the spread of hieracium this treatment will also aid in reducing the bare ground component of these blocks and is thus compatible with objective 2. Mr Carneron will monitor the condition of various blocks using fixed photo points.

11.4 OBJECTIVE FOUR

1

Reduce the long term cost of rabbit control.

Objectives 1, 2 and 3 will all interact to achieve this objective, but this objective can be met directly by reducing operational costs. It is proposed that this be done by:

1) Constructing a new airstrip on the Long Spur/Round Knobs Block so that flying time during poisoning operations can be reduced for certain blocks.

This year's (1992) poison operation involves 3650 ha on the Long Spur, Long Point and Waterfall Blocks with 90 tonne programmed for application. It is estimated that a saving in flying time of 8 min/trip could be made using the proposed airstrip instead of flying from the Dead Cow Saddle. This would mean a saving in flying costs for this operation of \$7200. The strip would also benefit the Aviemore operations for this year with a reduction in flying costs of approximately \$2000. Future poisoning operations would benefit significantly. The estimated cost of the new airstrip is \$7000.

2) Purchasing a ground applicator for laying oats, carrots and pellets. This will enable the Station to carry out its own ground application under the supervision of the CRC.

12. FINANCIAL SUMMARY

	Total Cost	Farmer's Share	MAF/CRC Share
Primary Poison Follow Up Control Netting Fences Land Management Austrip Construction	218,377 73,384 50,803 131,800 7,000	101,546 22,015 0 36,300 2,100	116,831 51,369 50,803 95,500 4,900
	<u>\$481,364</u>	<u>\$161,961</u>	<u>\$319,403</u>

This programme represents an input of \$32.78/su or \$5.46/su per year. Pest control is \$3.50/su per year. In the last two years of the works programme it is estimated to be \$2.90/su/year. With a continued manpower effort and strategic poisoning it is estimated that rabbit control can be provided for \$5/su/year on Otematata Station.

Financially the Otematata and Aviemore plans will be combined to allow the over run in property R & LM funds for Aviemore, \$103,932, to be offset by the surplus R & LM funds for Otematata, \$88,310. This will result in an extra \$15,622 of R & LM money being funded by Aviemore Station over and above its local share contribution.

13. ACKNOWLEDGEMENTS

Plan Prepared by:

L C Reid, Land Management Officer CRC and

H Cameron, Runholder, Otematata Station R Bungard, Pest Supervisor, Kurow

D V Pickens, Consultant, Landcorp, Alexandra

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	SHANE CHESHARE MAUT HILE PAID TO NETT

Appendix 2

RABBIT AND LAND MANAGEMENT PROGRAMME BLOCK WORKSHEET

Property: Otematata

	<u> </u>	1		<u> </u>		·			
Present Carrying Capacity SU/ha		.68	.81	1.09	6.77	8.8	F1.17	Holding block	Holding block
Fertiliser History	'		1	OS 1990 clover and cocksfoot	ż	OS 1970 dark sides OS & TD 1988	OSTD 1988 Maintenance 1990	Regular maintenance	1
Land Use Capability Description	III - 40% IV - 60%	III.) IV.) 10% VI. 90%	VI 50% VI VII 50%	VI) VI) 95% VI) VII 5%	VI VI 60% VII 40%	VI 30%	VI VI 80% VII 20%	III	VI 50% VII 50%
% Bare Ground	40%	40	20-30	20-30	20-30	20-30	20	•	30
Other Problem Weeds	Broom	Briar Broom	Broom	ı	Brian	,	·	ı	,
% Hieracium	×10%	<10%	10%	20%	<10%	20%	%09 %	1	<10%
Vegetation Dominants	Native grasses Limited introd, grasses	Native grasses	Native Grass Silver russock	Native grasses Tussock	Native grasses Tussock	Native grasses Tussock Introd. grassess	Native grasses Tussock Introd. grasses	Pasture, Lucerne, crops	Native grasses Sh Tussock
Торо- graphy	Flai	Flat, rolling Steep (Gorge)	Rolling Steep	Rolling Steep	Steep Rolling	Rolling	Rolling	Plat	Rolling
Soils	Becks Glenbun wetherbum	Gleaburn Becks Otemetata Omarama	Otematata Meyer Wajtaki	Omorama Meyer Waitaki Waitaki	Otemalata Meyer Wajtaki	Waitaki Meyer Otematata Waitaki	Omaruna Meyer Waitaki	Glenburn Edwards	Oicmatata Waitaki
Raiofall	300	300	300	300	300	300	300	300	300
Arca (la)		280	609	009	009	650	250		Į
Block No/Name	Station Paddocks	Top Fine Ewe and Riverbed	Front Gorge	Back Gorge	Gorge	Front Saddle	Back Suddle	Paddocks (Backyards)	Top & Bottom Charlie Free

	OTEMAT ATA	AVIEMOR	OTEMAT AVIEMOR OTM+AVIE ATA	
R & LM FUNDS ALLOCATED TO OTEMATATA/AVIEMORE R & LM FUNDS NEEDED FOR OTEMATATA/AVIEMORE SURPLUS/DEFICIT	\$407,713 \$319,403 \$88,310	ماصديت	-\$15,622	
TOTAL FUNDS REQUIRED FROM OTEMATATA/AVIENORE LESS SURPLUS ALLOCATION FROM OTEMATATA	\$161,961	\$200,791 \$88,310	028,052\$	·
TOTALS FOR COMBINED PROPERTY PLANS	\$161,961	\$112,481	\$274,442	
EFFECTIVE GRANT RATE	9899	42%		•
RATES UNDER OLD RATING SYSTEM	\$198,810	\$73,975	\$272,165	4.
VALUE OF FENCE ERECTION	\$7.775	\$11,320		

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. PHIMARY POISONING	\$216,377	\$101,546	\$116,83
SECONDARY CONTROL	\$73,384	\$22,015	\$51,36
NETTING FENCES	\$50,800	8	\$50,803
LAND MANAGEMENT	\$131,800	\$36,300	\$95,500
AIRSTRIP CONSTRUCTION	\$7,000	\$7,000 \$2,100	\$4,900
TOTALS FOR RABBIT & LAND MANAGEMENT PROGRAMME - OTEMATATA	\$461,364	\$461,364 \$161,961 \$319,403	\$319.403

SUMMARY OF WORKS COSTS FOR OTEMATATA STATION

	,		,		·	, 				
Present Carrying Capacity SU/ha	1.21	Holding block	r.	t.	55.	.33	34	.82	.83	,35
Fertiliser History	OSTD Top Downs 1988 D.Drilled Bott, Downs 1985		OSTD 1989 clover & cockrfoot	1	ŀ	1	ŗ		·	1
Land Use Capability Description	N	M	M	VI 50% VII 50%	VI 50% VI VII 50%	VI 60% VII 40%	VI 30%	VI VI 60% VI VI 40%	VI 70% VII 70% VII 30%	ΛII
% Bare Ground	20	7.0	25	40	30 40	40	20	01	10-20	30-40
Other Problem Weeds	1		•	•	scrubby gullics	1	scrubby gullies	1		1
% Hieracium	10%	<10%	50-60	20	10	<10%	<10%	<10%	% 01	<10%
Vegetation Dominants	Native grasses Sh ussock Introd.	Native grasses	Native grasses, tussock, Introd.	Native grasses tussock	Native grasses tussock	Native grasses lussock	Native grasses Snow tussock Tussock	Tusbock snow tussock Native grasses	Ţ.	a
Topo- graphy	Rolling	Flat	Rolling	Rolling Steep	Rolling Steep	Rolling Sleep	Sicep	Rolling	Rolling	Rolling
Soils	Онетаваа Соптоу	Otematata Conroy	Conroy Blackstone Oternatata	Omarama Otcmstata Wajtaki	Blackstone Arrow Alexandra	Conroy Blackstone Arrow Otematala	Blackstone Omerans Arrow Kirkliston Bermore Waitaki	Omarama Ariow Meyer Kirkliston	Meyer Arrow Kirliston Alexandra	Kirkliston
Rainfall	300	300	300	300	300	300	300	450	400	450
Arca (ha)	230	100	200	250	1100	120 D	1050	009	700	400
Block No/Name	Top & Boitom Downs	Rabbit Farm	Top Backyards Paddock	Bottom Backyards Paddock	Long Gully	Bottom Forks	Long Spur	Round Knobs	Chimney	1,000 Acres

Present Carrying Capacity SU/ha	.47	1.44	.37	.37	.34	.30	.26	.64	89'
Fertiliser History	OS 1986 Maku Lotus 3 kg Cocksfoot 1 kg	OS 1985 Maku Lotus 3 kg Cocksfoot 1 kg	I		,	-	t.	OS 1984 Maku Cocksfoot	OS 1984 Maku Cocksfoot
Land Use Capability Description	VII	ΛΙΙ	VI 80% VII VII 20%	VI 20%	VI 25% VII 75%	VII	VII 50% VIII 50%	IIA	VII
% Bare Ground	30	30-40	40	30	30	20	40-50	30	30
Other Problem Weeds		•	(ı	,	ŝ	•	,	,
% Hleracium	,	•	20%	<10%	<10%		•	<10%	,
Vegetation Dominants	Tussock Snow Tussock Native grassess Maku Lotus	Tussock Snow Iussock Native & Maku	Tussock Native grasses	Tussock Snow tussock Native grasses	at .	5	ĸ.	Tussock Snow Tussock Maku/Ch, Nalive grasses	a
Topo- graphy	Rolling	Rolling	Rolling	Rolling Steep	Rolling Steep	Rolling	Rolling Steep	Rolling Steep	Rolling Steep
Soils	Kirkliston	Benmore Puketeraki Kaikowa	Otematala Wajlaki Alexandra	Omaruna Orematata Meyer Tenguwai Beunore Kirkliston Kaikoura	Mayer Omarama Kirkliston Benmore Kaikowa	Kirkliston	Puketeraki Kaikoura Puketeraki Kaikoura	Puketeraki Kaikoura	Puketeraki Kirkliston
Rainfall	450	450	300	350	400	450	450	450	450
Arca (la)	009	160	780	2000	2400	009	2000	1450	1150
Block No/Name	Chambers	Glenboughie Hut	Bollom Wether Range	Otamalapaio Spur	Glenboughie Spur	Springs	Basins	Long Point Basin	Waterfall

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Block No/Name	Area (ha)	Rainfall	Soils	Topo- graphy	Vegetation Dominants	% Hiemeium	Other Problem Weeds	% Bare Ground	Land Use Capability Description	Tertiliser History	Present Carrying Capacity SU/ha
	1400	450	Puketeraki Kaikowa	Rolling steep	Tussock, Snow tussock	,	·	30	VII	,	-14
Top Long Point	1500	450	450 Puketeraki	Rolling	grasses			30	VII		.15

	PEST CO	CONTROL PROGRAMME	GRAMME			APPENDIX 3	
				POIS	POISONING PROGRAMME	IMME	CONTROL
BLOCKNONNAME	PEST PRONENESS KERRSCALES	MESENE HABBIT MEESTATION ENGLS MOBAN SCALE	NICSION (IG	pest control	PHIMARY	SECONOMRY	PROGRAMME DIHER THAN POISONING
STATION PADDOCKS	НВН	2	75, 78, 89, 85, 87, GO	_	1990-GO		APPROPRIATE
							FOLLOW UP AS
IOP FINE EWE &	HIGH	2 WITH PATCHES OF 4	75 GO, 83 GO		1990-AO	PATCH 1992	DIRECTED BY
FRONT GOAGE	EXTREME	2	78 AO PP, 79 AO + GO	2	1990-AO		-
					- ساما خارج المجاورة شماع هم و در ما باسم و		ية قرورة والمستورة
BACK GORGE	НВН	2	79 AO+GO	2	1991-AC		
GORGE	EXTREME	2	75- AO, 78 PP - GO	2	1990-AC		*
			85, 86, 87, -AO + GO				
					1		
FHONT SADOLE	EXTREME	83	75 GO, 78 PP	2	1990-AO		-
	***************************************		81 AO, 84 PPO				
			86 GO+AO	وسود وسائره والمراسات			
DANK CADAL C	11011					***************************************	***************************************
בערוע מעותרב			/3 GO, 78 PP BI AO,	2	1991-AC		
			84 PPO, 88 GO+AO				
PADDOCKS & B YDS	MODERATE	3	75 AC, 80 GO, 83 GO+AO	3	1991 GO		
			85&88 GO+AO, 89 GO				
TOP & BTM CHARLIE	MODERATE		00 00 00 00 00 00				
FAEE			85 GO, 88 GO+AO	2	74.1651		
TOP & BTM DOWNS	FYTREME	6.	25 00 00 00 00				
			R GO R5 GO		7V-199		

RABBIT FARM	EXTREME	1-2	75 90, 77 90, 80 90.	Ø	1991-AC		
	والمدودة وتردوك ماراخ وسادس شيمتا فرشاها شامه وسادة الإنجابة		82 GO 85 GO				
TOP BACK YDS PDK	HIGH	2	77 AO 78 AO+GO	u.	1090-60		
			86 AO+GO				

The.

BTM BACK YDS PDK	EXTREME	3	77 AO, 78 AO+GO,	5	1990-AC	
			86 AO+GO			
LONG GULLY	EXTREME+HIGH	2	87 AO, 88 AO	4	1991-AC	
BOTTOM FORKS	EXTREME	1-2	74 AC, 75 AC, 76,77PPGO	4	1991-AC	
			84 PP GO, 86 AO+GO 87 AO, 89PPAC		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
ROUND KNOBS	MOT	2	87 AO	A		
LONG SPUR	HIGH + LOW	2	87 AO	4	1992-AC	
CHIMNEY	MO	2	87 AO	4	***************************************	
1000 ACRES	TOW	2	87 AO			4-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
CHAMBERS	MOT	2				
GLENBOUGHIE HUT	MOI	2	B1 AO			
BTM WETH BANGE	EXTREME AND HIGH	2	75 AC, 78 AO, 80 AO+GO, 83 AO, 84 GO	9	1990-AC	
OTAMATAPAIO SPUR	LOW + EXTREME	2		9	1991-AC	
GLENBOUGHIE SPUR	LOW, HIGH, EXT	2-3	78 AC, 97 AC	\$		
SPAINGS	MOT	2.3		·		
BASINS	MOT	2.3				
LONG PT BASIN	HBIH+MC1	2.3			1992 AC	
WATERFALL	HBIH+MO1	7-1			1992 AG	
TURNAGAIN	MOI	1-2				
TOP LONG POINT	MOT	1-2	78 1080 PELLETS, 80 AC			

Appendix 4

FACTORS INFLUENCING LAND MANAGEMENT DECISIONS

CONSTRAINTS ON

Otematata

		<u> </u>							
Other	Pastoral Lease	=	=	÷	T .	÷	Ħ	Ħ	-
Access	>	>	>	>	>	>	/	^ '	>
Stock Water		Arkquak	=	ŧ	I.	अपन्याजन	<u>11</u>	Adequate	Artequale most limes
Fencing					,				
Tree Planting		Climate & Soils			L	3	и		=
OSTD		Climate & Soils	=	e.	=	=	=		a
Írrigation	NA	NA	NA	NA NA	NA	AN.	NA	Water supply	NA
Direct Drilling	Able to be DD	Topography Soils Climate	Topography Soils	=	=	F	n	>	Soils
Present Block Use	Holding Paddock	Winter Hoggets Ewes Iambing	Ewes in winter and spring	Ewes in winter and spring	Ewes in spring winter block as necessary (poison)	Ewes Spring Sth Ewes winter Lambs (Fcb/Mar)	I	Varied use incl cattle	Holding Block various use
Fencing Quality (stock & rabbit)	Good Rabbit Proof		Good	Good	Good	Good	Good	Good	Good
Block No/Name	Station Paddocks	Top Fine Ewe & Riverbed	Front Gorge	Back Gorge	Gorge	Front Saddle	Back Saddle	Paddocks (Backyards)	Top & Batt. Charlie Free

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Other	ar	3	■ .3		=	E		n		=	=
Access	>	>	>	>	>	>	Good	Actequate	Good	Good	Good
Stock Water	Adequale	Adequae artificial at most times	Adequate	Adequale most times	Adequate	Adequate	Adequale	7	=	Ŧ	9
Fencing		:									
Tree Planting	55.	=	z z	: =			3	a .	g	1 4	н
OSTD	-	=	E	=	1	a.	я	-	=	II.	35
Irrigation	Water supply	Limited amount	NA	NA	AN	N	ΨN	NA	NA	NA	AN A
Direct Drilling	Тородгарћу	Possible	Тородгарћу	Topography Soils Climate	B	Climate	Soils Altitude		п	n	M.
Present Block Use	Varied use Holding Stud mobs	Varied holding	Winter 2th wedhers Varied	Winter 2th wethers various	Winter ewes Summer	Spring, summer Ewes and	Winter ewes Summer	Winter ewes Summer hoggts	Summer Ewes & Holding Block	Summer Stud Ewes	and holding block
Fencing Quality (stock & rabbit)	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
Block No/Name	Top & Boll Downs	Rabbit Farm	Top Backyards Paddock	Bottom Backyards Paddock	Long Gully	Battom Forks	Round Kobs	Chimney	1,000 acres	Chambers	Glenboughie Hut

Other	E	5	an ,	į	1	G	5	P	п
Access	Artequate	Adequate	Adequate	Adequate	Adequate	Adequale	Adequate	Adequate	Arkquale
Stock Water	=		=	į,	=	a	Ξ	8	=
Fencing									
Tree Planting	.	т.	F	ą	H	±	=	Ħ	ш
OSTD	=	-	=	T T	=	в	=	=	3
Irrigation	A	NA	NA	NA	NA	NA	NA	NA	NA
Direct Drilling	Topography Soils Rainfall	Topography Soils Altitude,	2	.	-	Topography Soils	=	=	=
Present Block Use	Winter wethers Summer Young wethers	Winter welhers Summer Young Wethers	п	Summer 4th wethers		Summer Young Ewes Winter wethers	Summer 2th ewes	Summer Ewes	Summer Ewes
Fencing Quality: (stock & rabbit)	Good	Good	Good	Good	Good. No fence on top of range		Good	Good	Good
Block No/Name	Bottom Wether Range	Otamatapalo Spur	Glenboughie Spur	Springs	Basins	Long Point Good Basin		Tumagain	Top Long Point

W/

Аррепбік 5

LAND MANAGEMENT DECISIONS

1

Otematata

Impact Programme to Achieve Agreed Land Use Option		600 m of netted fence into Otematata River/Gorge			600m netted fence into River/Top F Ewc	Net front Saddle/Rostriever Boundary + Front S/Paddocks	Net Boundary with Rostriever and Backyard Paddocks - labour only	Net Rostriever Boundary and Back Saddle	Net with Back Saddle and Downs	Net with Top & Bottom Backyards and Bottom Wether Range		Net boundary with Long Gully	Net boundary with Long Gully Downs and Paddocks	Net fences adjoining Backyards Paddock & Back Gorge	Subdivision fence Reduce stocking
Environmental Impact of Land Use	N. I.	Nil	Nil	Treatment will help to stern hieracium spread											
Land Use Within RLM (connents see Appendix III)		1,10	1,2	1,2,	1,2	1,10	1,2,10	1,2,7,10	1,2,10	1,2,10	1,2	1,2,10	1,2,10	1,2,10	1.2.7.8,14,16
Preferred Option for Land Use (Landholder and CRC Officer to Complete)	1,2,7,9	1,10	1,2,8	1,2,8,10	1,2,8	1,8,10	1,2,8,10	1,2,7,10,11,15	1,2,8,10	1,2,8	1,2,7	1,2,3	1,2	1,2,8,10	1,2,7,8,14
Possible Options for Block	1,2,7,8,9,15	1,2,8,9,10	1,2,8	1,2,8,10	1,2,8	1,2,7,8,10	1,2,7,8,10	1,2,7,9,10,11,15	1,2,8,9,10	1,2,7,8,9	1,2,3,7,9,	1,2,7,8,10	1,2,7,10	1,2,8,10	1,2,7,8
Block No/ Name	Station Paddocks	Top Fine Ewe Riverbed	Front Gorge	Back Gorge	Gorge	Front Saddle	Back Saddle	Paddocks (Backyards)	Top & Bottom Charlie Free	Top & Bottom Downs	Rabbit Farm	Top Backyards Paddock	Bottom Backyards Paddock	Long Gully	Bottom Forks

Block No/	Possible Options	Preferred Option	Land Use Within B! M (comments	Environmental Impact	Programme to Achieve Agreed Land Use Ontion
 	TOI TOOM	(Landholder and CRC Officer to	see Appendix III)		
	-d	Complete)			
	1,2,8,9,10	1,2,8,10	1,2,10		Net bounday with Glenbouie Spur
,000 Acres	1,2,8	1,2,8	1,2		
hambers	1,2,8	1,2,8,	1,2		
Glenboughie Hut	1,2,8	1,2,8	1,2		
Bottom Wether Range	1,2,7,8,9	1,2,8	1,2,8	Treatment will help retain short tussock against Hieracium	OS & TD 500 ha for Hieracium control
Damatapaio Spur	1.2.8	1.2	1.2	niy asıldır	
Glenboughie Spur	1,2,8	1,2	1,2,10		Net boundary with Chirmney Gully
	1,2,8	1,2	1,2		
	1,2	1,2	1,2		
Long Point Basin	1,2,8	1,2	1		
	1,2,8	1,2	1,2		-
Turnagain	1,2	1,2	1,2		•
Top Long Point	1,2,8	1,2	1,2		

Key:

Land Use Options Willin RLM

(1) Grazing
(2) Short Term Spelling
(3) Long Term Spelling
(4) Sell Interest in Block
(5) Afforestation
(6) Retire Permanently
(7) Direct Drill clover/grass
(8) OSTD

(9) Fooder Banks of Dryland Shrubs
(10) Strategic Rabbit Fencing
(11) Irrigation
(12) Scrub elemance
(13) Tracking
(14) Sub-divisional fencing
(15) Cultivation to new pasture
(16) Reduced grazing
(17) Airstrip

STUD HOGGETS AND EWES STUD HOGGETS AND EWES + 300 KILLERS LEPHS HIRT	GRAZING CHART FOR OTEMATATA STATION 1991	TEMATAT,	ASTAT	199		WEANING			TUPPING		I	EWE SHEARING		OGGET &	HOGGET & WETH SHEARING	ARING		
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600 EWES 1.6 800 READ PROPERTY 1.6 800 READ PROPERTY	3	00 EWES	0.8	1500				##	自由的工作的工作的	松井井井		-					250	0.41
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640 EWES 0.8 2500 Fig. Fi	79	00 EWES	1.6	208									1846HBHH	DEMONAU		9243	323	0.54
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MEMORANDUM OF RENEWAL AND VARIATION OF PASTORAL LEASE

IN THE MATTER of the Land Act 1948

AND

IN THE MATTER of Pastoral Lease No P305 registered in Volume 2C Folio 586 Otago District Land Registry from HER MAJESTY THE QUEEN to OTEMATATA STATION LIMITED an incorporated company having its registered office at Dunedin

Pursuant to Section 170 of the Land Act 1948 the term of the abovementioned (1) lease registered in Volume 2C Folio 536 Otago Land Registry is renewed for a term of 33 years commencing on the 1st day of January 1998. The covenant to pay rent and the rental value contained in the lease is hereby varied by deleting the said covenant and substituting the following:

> Yielding and paying therefore for the first 11 years of the said term unto the Commissioner of Crown Lands (or his Agent) the annual rent of \$5,850.00 plus GST calculated on a rental value of \$390,000.00 payable without demand by equal half yearly payments in advance on the first day of January and the first day of July in each and every year during the said period of 11 years and for the next two successive periods of 11 years of the said term a rent determined in respect of each of those periods in the manner provided in Section 132A of the Land Act 1948.

Save as hereby expressly varied all the covenants conditions and restrictions contained or implied in the said Memorandum of Lease shall remain in full force.

"RELEASED UNDER THE OFFICIAL INFORMATION ACT"

IN WITNESS WH	EREOF the parties have	e bercunt	to subscribed their names this
10174	day of APLIL	19	997
SIGNED for and or	behalf of HER MAJES	STY)	X
	ne Commissioner of Cro	,	
Lands in the present)	Commissioner of Crown Land
Witness: La Del	'lle-i		· ·
Occupation:	LYNETTE PORTER		
*	TEAM MEMBER	· · · · · · · · · · · · · · · · · · ·	
Address:	NATIONAL OFFICE		
	LAND INFORMATION N WELLINGTON	.Z.	
EXECUTED by OT LIMITED by affixing common seal in the of:		·)	STATO Section 15
m.s. t	ameron I	Director	
Hight. Camer	<u>on</u> 1	Director	

"RELEASED UNDER THE OFFICIAL INFORMATION ACT"

MEMORANDUM OF RENEWAL OF PASTORAL LEASE

Particulars entered in the Register as shown herein on the date and at the time stamped below.

HER MAJESTY THE QUEEN

Lessor

District/Assistant Land Registrar of Otago

OTEMATATA STATION LIMITED Lessee

KNIGHT FRANK (NZ) LIMITED ALEXANDRA







Date:

19/04/02

To:

Martin George

Fax Number: 03 4775162

From:

Michelle Stokes

(contact details below)

Priority:

Pages: 1

NOTE OF CONFIDENTIAL INFORMATION: This facsimile message contains information that is confidential and that may be subject to legal privilege. If you are not the intended recipient, you are hereby notified that you must not use, review, disseminate, distribute or copy this facsimile message. If you have received this message in error, please immediately notify us by facsimile or telephone (call collect) and return the original message to us by mail. Thank you.

SUBJECT: MINING INTERESTS

There are no granted permits or applications for permits on the area described in your fax of 12/4/02 as Run 760 Teviot Surbey District

There are no granted permits or applications for permits on the area described in your fax of 18/4/02 as Part Run 743 on H39 and H40

M Stas

Michelle Stokes NMI Administrator

2 Senies: 111
24

Gamaru Barbour Board.

Camaru, End Doca 1 19

The Chief Clork.

The Otago Land Board.

DUNEDIN.



Dear Sir,

by Messrs Hislop & Creagh & Creagn to Oteratata Runs.

Yours faithfully.

b. a. La Roelu

Secretary.

hilkert

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(Copy)

OAMARU.

November 1922

The Secretary.

Oamaru Harbour Board.

OAMARU.

Dear Sir.

Re Otematata Runs

These runs were, by virtue of "The Oamaru Harbour Board Act 1881 " vested in the Board and their management withdrawn from The Otago Land Board and placed under that of your Board. In all other respects they are still subject to the provisions of "The Land Acts "in the same manner as other similar Crown Lands.

In October of the present year "The Land Laws Amendment Act 1922 " was passed, Section 9 whereof provides that on the recommendation of the Board and approval of the Minister a licensee may surrender his license and obtain a new lease at a rental to be fixed by the Board and approved by the Minister.

The provision of Part 6 of The Land Act 1908" (the principal Act) will apply to theses leases but no term shall exceed 35 years.

Yours truly,

COPY PROVIDED FOR PRIVATE STUDY ONLY NOT TO BE FURTHER COPIED OR REPRODUCED WITHOUT ARCHIVES NEW ZEALAND'S PERMISSION

(Sgd) Hislop & Creagh & Creagh.



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the said time to , and to thereof. seal, to y think the said any one urse.

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occasions, for excluding the public from such parts of the said parcel of land as it may be found necessary and desirable to improve or lay down in artificial grasses, for regulating the charges that may be made for the occupation of the said racecourse for the erection of booths or stalls for the sale of refreshments, merchandise, goods, or chattels, and for the admission of horses and vehicles to the said racecourse.

SCHEDULE.

Schadule.

ALL that area in the Provincial District of Canterbury, in the Geraldine Survey District, being Sections Nos. 2 and 3 on the plan of the subdivision of Reserve No. 389, containing by admeasurement 87 acres 2 roods 35 perches, more or less, and bounded towards the North-west by Section No. 1 of said subdivision; towards the North-cast, South-cast, and South-west by public roads: as the same is delineated on the plan deposited in the District Survey Office, Christchurch.

1881, No. 20.—Local.

An Acr to amend "The Oamaru Harbour Board Ordinance Amendment [19th September, 1881.] Act, 1876."

OAMARU HARBOUR BOARD.

WHEREAS it is expedient to vest in the Oamaru Harbour Board as well the Preamble. legal estate as the management of the land specified and described in the Schedule to "The Oamaru Harbour Board Act, 1876:"

BE IT THEREFORE ENACTED by the General Assembly of New Zealand in Parliament assembled, and by the authority of the same, as follows :-

1. The Short Title of this Act is "The Oamaru Harbour Board Act, 1881." Short Title.

2. Sections four and five of "The Oamaru Harbour Board Act, 1876," are Sections 4 and 5 and shall be deemed from the date hereof to be hereby repealed, but so that Board Act, 1876," nothing heretofore done under the authority of such sections shall be affected repealed. by this repeal.

3. Except as hereinafter mentioned, the land comprised in the Schedule to Otago land laws to this Act shall be and remain subject in all respects to the provisions of "The Land Act, 1877," and the Schedules thereto, so far as the said Act and Schedules are applicable or in force within the Otago Land District, and also to all the Acts relating to gold fields and gold-mining now in force in the said land district.

4. The Land Board of the Otago Land District shall cease to exercise or per- Oamaru Harbour form any powers, duties, or functions in or over the said block of land; but the management. Oamaru Harbour Board shall hereafter exercise and perform the same over the said block of land in all respects as though the Oamaru Harbour Board had been in the said Act and Schedules designated and named, instead of the said Land Board.

5. The rents paid in respect of the lands aforesaid, or so much thereof as Application of rents shall be necessary, shall be applied towards first satisfying the annual charges on the mortgages issued by the Board prior to the passing of "The Oamaru Harbour Board Ordinance Amendment Act, 1878;" secondly, towards satisfying the annual charges on mortgages or debentures thereafter issued by the Board; and the balance (if any) shall be applied for the conservation and improvement of the Harbour of Oamaru.

[1922, No. 29

97

required to be paid in terms of section one hundred and forty-five of the Land Act, 1908.

brances, liens, and interests (if any) affecting the license, and the District Land Registrar shall record on the lease (e.) The lease shall be deemed to be subject to all existing encumall such encombrances, liens, and interests accordingly

(2.) All adjustments required to be made between any accounts in the Public Account by reason of any change of tenure made pursuant the order of their registered priority.

to this section may be made without further authority than this

-4: E-Autor

200

(4.) Where the rent payable under any lease is reduced pursuant to this section the land comprised in the lease shall, on the application of the Board, made within five years from the dute of the lease, be again revalued by a committee appointed under the aforesaid section fifteen. If on such revaluation the value as then determined, exclusive

rent payable under the lease shall, as from the dute of the lease, be

proportionately reduced.

ST

9. (1.) The owner of a lease or license of any pastoral land granted owner of meteric under the Land Act, 1908, or the corresponding provisions of any leave may former Land Act may, on the recommendation of the Board and with new leave the approval of the Minister, surrender his lease or license and obtain exchange. in lieu thereof a new lease or license of such land under Part VI of the Land Act, 1908, at such yearly rent as may be fixed by the Board, with the approval of the Minister. Such new lease or license may include any area of adjoining Crown land occupied by the lessee or

leass may surrender some and obtain new leass in

commence on the first day of March next following the date of licensee under a temporary grazing license. (2.) The term of any lease or license granted under this

letermination to grant and sequential of settlement land, or of inversion and 10. The restriction on the acquisition of settlement land which was at any time settlement land, contained in subsecnion two of section sixty of the Land Laws Amendment Act, 1912, the determination to grant the same.

8. (1.) Any purchaser of rural Crown land or settlement land who

holds that land under a license to occupy pending the completion of the purchase may, with the consent of the Board and the approval of the Minister, and with the consent in writing of the encumbrancers (if

Purchasers of Crown or settlement and may elect to accept renewable lease.

any), surrender his license and obtain in exchange a renewable lease of the same land pursuant to the provisions with respect to renewable

enses under the Land Act, 1908, or the Land for Settlements Act, 1908,

is the case may be, and subject to the following special conditions:

(a.) The lease shall be of the same date us the surrendered license, and shall be deemed to have been in force as from that

of the value of improvements, is greater than the value on which the reduced rent is based, as hereinbefore provided, the rent payable under

the lease shall, as from the expiration of five years from the commence-

ment of the lease, be proportionately increased.

land may acquire further allotment,

shall not apply in any particular case if the Minister, on the recomshall not apply in any particular case if the Minister, on the recommendation of the Dominion Land Purchase Board, so determines.

11. Subsection one of section fifty-nine of the Land Laws Amend-burding tussues of the Land Laws Amend-burding tussues of the following subsection pastoral land. substituted therefor: --

"(1) It shall not be lawful for the lessee or licensee of any pastoral land to burn any tussock thereon or to permit any tussock thereon to be burned save with the prior consent in writing of the Board, and subject to such conditions, restrictions, and directions as the Board

12. Section eixty-three of the Land Laws Amendment Act, 1913, Bequase of 12. Section eixty-three of the Land Laws Amendment Act, 1913, included in cost of is hereby amended as follows:may impose or give."

17.5人位于19.3年的主席州中国的自然的作用

(c.) The payments made in respect of the license up to the time of surrender shall be deemed to be rent paid in respect of the

for the purchase of the land under the surrendered license.

(b.) The capital value for the purpose of computing the yearly rent under the lease shall be deemed to be the price computed

dute.

lease. Any amount paid in excess of the amount that would have been payable as rent shall be held as rent paid in advance under the lease. In crediting such payments as

for any

(a.) By inserting, after the words "affording access to" in sub- speniar and settlement land. section two, the words "or in draining":

(b.) By inserting, after the words "roads and bridges" in sub-

section three, the words " or of the drainage-works."

Laws Amendment Act, 1019 (providing for psyment of certain land rovenues to local authorities towards cost of loans for roads and bridges), amended. 1919, is hereby amended by omitting from subsection one the words "all revenues," and substituting the words "the whole or any defined 13. (1.) Section seventeen of the Land Laws Amendment Act, portion of the revenues.

by the local authority in satisfaction of all special rates levied or leviable (2.) The amount paid to any local authority under the said section for the same period by that local authority on occupied Crown lands seventeen as hereby amended, in respect of any period, shall be accepted within the special district in respect of the loan or loans for which the grant of revenues has been made to the local authority, and in no case

in respect of the prompt payment of rent.
the payments under the license have been subject to a charge in respect of "thirds" to any local authority, the

(d.) If

herein prescribed due allowance shall be made for any rebates of rent to which a lessee would have been entitled

of the license shall be deemed to have been paid in advance on account of the one-third part of the rents under the lease

amount paid as "thirds" up to the time of the surrender

13 GEO. V.1

grazing-runs

of Crown land or of settlement land granted in renewal of leases which had expired before the passing of the Land Laws Amendment Act,

but not earlier than the twenty-eighth day of February,

(2.) The lessee under any lease to which this section applies may such case the provisions of subsections one, two, three, five, and seven the necessary modifications, apply us if the application were an applica-(3.) If on a revaluation of any land under this section the value then determined, exclusive of the value of improvements, is less than the capital value of the land on which the rent is based, the

hundred and nineteen.

1921-22, nineteen apply for a revaluation of the land comprised in his lease, and in any

section fifteen of the Land Laws Amendment Act, 1915, shall, with

5

tion for a revaluation of land under that section.

Land Laws Amendment.

7. (1.) This section applies only to leases of small

Provision for revuluation of certain small grazing-run leases.

OTEMATATA STATION (P.304) (P.305)

Originally leased (all but small part held under Crown s.68 licence) to Otematata Station Ltd by Gamaru Harbour Board. Crown purchased Harbour Board's interest in Endowment land May 1964 and took over lease along with others.

Granted s.68 Licence to Occupy on year to year basis as from 1.5.64. Area 62.575 acs. A.R. £750. Area and rent same as under Harbour Board tenancy.

Prior to take-over of land by Crown N.Z.E.D. had taken 448 acs. for Water Power Development (Gaz. 1959/1223).
M.O.W. on behalf of N.Z.E.D. dealt direct with Otematata Station Ltd. concerning their interests. No record of amounts of compensation paid.

Following take-over by Crown, Otematata Station Ltd was offered two new Pastoral Leases covering 31,300 acres (P.304) and 31,600 acres (P.305) respectively. The latter included an area of 6,500 acres previously held by the Company under s.68 tenancy (M.1005). Final areas were defined by survey and did not tally with earlier unsurveyed areas. A.R.'s £430 (P.304) and £425 (P.305).

The total of 62,900 acres re-leased to Otematata Station Ltd did not include an area of 4,442 acres, previously estimated at 5,030 acres divided between Rostrievor (Mrs Munro), 1,655 acs., Bog Roy (D.A.U. Anderson) 2,570 acs. and N.Z.E.D.'s Earth Electrode (2171 acs.).

Mrs Munro paid £1,510 to Department for improvements ex-Otematata Station on area allocated to her. Anderson paid a figure of £2,350 for the improvements he took over ex-Otematata Station plus the improvements he took over ex-Totara Peak (refer Peak Valley sheet).

Crown paid Otematata Station £4,500 for the improvements on the 4,442 acres notwithstanding fact that it would recover less than this amount. The £4,500 was received from M.O.W. although paid out by Lands Department (fol.66 of P.310).

Compensation payable by N.Z.E.D. for 2174 acre electrode area fixed at £810 (folios 253 and 254 of 3/682). M.O.W. advised accordingly December 1965. No reaction and no T.V. submitted by Lands Department pending gazettal.

Price for improvements on 2171 acres fixed at £170. This not recovered either from N.Z.E.D.

Value of roads set apart arbitrarily fixed at £400. H.O. (fol.225 of 3/682) confirmed should be charged against Electricity Account.

November 1965 - Compensation for 448 acres taken by Gaz. 1959/1223 fixed at £1,345 (fol.15 of P.304) and M.O.W. asked to confirm this was satisfactory. No decision as yet.

Freehold section of 11½ acres purchased from Otematata Station Limited for £100 by Crown and area incorporated in land re-allotted to Bog Roy (Anderson).

-,,

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File P305

Department of Conservation PO Box 5244 **DUNEDIN**

18 April 2002

Attention: Mr Tony Perrett

Dear Sir,

RE: PASTORAL TENURE REVIEW – OTEMATATA NO. 2 PASTORAL LEASE.

As you are aware, the process for the pastoral tenure review on certain runs has been more recently instigated by Land Information New Zealand (LINZ).

This office, under contract to LINZ has the task of researching and providing a status investigation amongst other things.

To satisfy the requirements of the LINZ report, it is necessary for the Department of Conservation to comment in respect to allocations (adjoining and or within) and any concessions over the run under review (NZMS 260 sheet reference H39 and H40).

Attached is a copy of Crown Lease 2C/586, the SDI printout and SO Plan 13766. The cadastral plan is not available at this stage. Please advise if you do not have sufficient information to comment on the allocations and concessions.

Would you please comment on the pastoral run:

Part Run 743, Gala and Turnagain Survey Districts.

Yours faithfully

Martin George

Accredited Supplier

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FACSIMILE

FAXED

For Addressee Only

TO

Michelle Stokes

COMPANY

Crown Minerals

FAX NO

(04) 499 0968

PAGES

2 (including this page)

FROM

Martin George

DATE

18 April 2002

TEL NO

+64 3 474 0571

REPLY FAX

+64 3 477 5162

SUBJECT

NZMS 260 SHEETS - H39 AND H40 MINING INTERESTS

This office has a contract with Land Information New Zealand Wellington, to research interests (if any), over certain back country pastoral runs.

Could you please advise if there are any Prospecting Exploration and or Mining Interests granted over the area highlighted on the attached plan being:

Part Run 743, Gala and Turnagain Survey Districts.

NZMS 260 Series H39 and H40.

(If there is a granted interest, could I have a copy of the relevant sheet schedule and an A3 copy only from the Mining Privilege Map for the pastoral run area of interest).

Any costs involved, please invoice this office to my attention and clearly mark the invoice "Contract 50268", thank you.

Martin George

Accredited Supplier