

David Power  
 Peak Valley Station  
 File: Peak Valley.ovp

Melissa Robson

## Parameter report

Parameter name	Units	Value
Region		High Country (> 300 m)
No Fuel, electricity and other farm inputs		
No Farm capital (structure) inputs		

### Block setup summary

Block name	Block type	Effective area (ha)	Relative productivity
hil country 14 block	Pastoral	4016	0.05
3 block homestead	Pastoral	172	0.2
Irrigation	Pastoral	40	1
Total farm area declared as blocks	ha		4228
Total farm area	ha		4228
Relative productivity assessment method			Relative yield
Make all block stock ratios same as farm stock ratios			False

### Stock Information: Sheep, beef and deer

Sheep	RSU	1267
Beef	RSU	333
Animal production		
Wool	kg	3200
All bef animals are female		

Grazing off options for sheep not used  
 Advanced pasture supplement feeding options for sheep not used

Grazing off options for beef animals not used  
 Wintering off/animal shelter options for beef animals not used  
 Advanced pasture supplement feeding options for beef not used

### Animal health supplementation used by Non-dairy animals

No animal supplementation has been entered

DCD is not applied  
 No Wetland information

### Supplements Added

Category	Type	Amount (T)	Amount on a dry weight basis	Destination	Animal type or block
User defined	Sheep nuts	5.0	True	Paddocks	sheep

### Block Information

Parameter name	Units	Value
Block name		hil country 14 block
Area	ha	4016
Block type		Pastoral

## Block Information

Parameter name	Units	Value
Topography		Steep hill
Distance from coast	km	160
Profile drainage class		Well
Poorly drained		False
Mole/tile drained		False
Receives no liquid or solid effluents		
No irrigation applied		
<b>Climate</b>		
Mean annual rainfall	mm	450
Mean annual temperature	°C	9.1
Seasonal variation in rainfall		Moderate
Annual potential evapotranspiration (PET)		801-950
Seasonal variation in PET		Unknown
Hydrophobic condition		Unknown
Latitude South	°	44.2
Altitude	m	1822
<b>Animals and Pasture</b>		
Sheep	%	100
Merino		False
Development status (organic nutrients)		Developed
Pasture type		Unimproved/Tussock grasslands
<b>Pasture quality</b>		
Pasture digestibility and ME not entered		
Clover levels		Medium
Pasture utilisation (%)		50
<b>Soil information</b>		
Soil group		Sedimentary
Sand parent material		False
Soil texture		Unknown
Soil profile		Shallow
Olsen P		16
QT K		7
QT Ca		7
QT Mg		23
QT Na		8
Organic S		6
TBK reserve K test		Not known
Anion storage capacity or PR		Not known

## Block Fertiliser

### Fertiliser nutrient forms

Urea	DAP	Other NH4	NO3 Form
0	0	0	0
Super	DAP / DCP	RPR	Other

## Block Information

Parameter name	Units	Value
11	0	0
<b>K</b>	<b>Sulphate S</b>	<b>Elemental S</b>
0	0	0
	<b>Ca</b>	<b>Mg</b>
	0	0
		<b>Na</b>
		0

No N added in May, June and July

No soluble P applied in high risk months

Fertiliser P applied within 3 weeks of border dyke irrigation

False

No supplements removed from the block

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## Block Information

Parameter name	Units	Value
Block name		3 block homestead
Area	ha	172
Block type		Pastoral
Topography		Rolling
Distance from coast	km	140
Profile drainage class		Well
Poorly drained		False
Mole/tile drained		False
Receives no liquid or solid effluents		
No irrigation applied		
<b>Climate</b>		
Mean annual rainfall	mm	450
Mean annual temperature	°C	9.1
Seasonal variation in rainfall		Moderate
Annual potential evapotranspiration (PET)		801-950
Seasonal variation in PET		Unknown
Hydrophobic condition		Unknown
Latitude South	°	44.2
Altitude	m	370
<b>Animals and Pasture</b>		
Sheep	%	50
Merino		False
Beef	%	50
Finishing		False
Dairy or beef animals have direct access to streams		True
Development status (organic nutrients)		Developed
Pasture type		Ryegrass / white clover
<b>Pasture quality</b>		
Pasture digestibility and ME not entered		
Clover levels		Medium

## Block Information

Parameter name	Units	Value
Pasture utilisation (%)		65
<b>Soil information</b>		
Soil group		Sedimentary
Sand parent material		False
Soil texture		Unknown
Soil profile		Shallow
Olsen P		16
QT K		7
QT Ca		7
QT Mg		23
QT Na		8
Organic S		6
TBK reserve K test		Not known
Anion storage capacity or PR		Not known

## Block Fertiliser

### Fertiliser Calculator

Fertiliser name	Category	Amount (kg/ha/yr)
DAP	Ballance other	60
Superten	Ballance super	150
No N added in May, June and July		
No soluble P applied in high risk months		
Fertiliser P applied within 3 weeks of border dyke irrigation		False
No supplements removed from the block		

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## Block Information

Parameter name	Units	Value
Block name		Irrigation
Area	ha	40
Block type		Pastoral
Topography		Flat
Distance from coast	km	160
Profile drainage class		Moderately well
Poorly drained		False
Mole/tile drained		False
Receives no liquid or solid effluents		
Irrigation	mm	600
<b>Irrigation</b>		
Border dyke		False
Water source is borderdyke outwash		False
<b>Irrigation nutrient concentrations for block</b>		

## Block Information

Parameter name	Units					Value		
Irrigation Source						Block specific		
Irrigation Units						mg/l		
	<b>N</b>	<b>P</b>	<b>K</b>	<b>S</b>	<b>Ca</b>	<b>Mg</b>	<b>Na</b>	
	0.5	0.1	1.6	2.5	9.3	2.2	9.5	

### Climate

Mean annual rainfall	mm	450
Mean annual temperature	°C	9.1
Seasonal variation in rainfall		Moderate
Annual potential evapotranspiration (PET)		801-950
Seasonal variation in PET		Unknown
Hydrophobic condition		Unknown
Latitude South	°	44.2
Altitude	m	370

### Animals and Pasture

Sheep	%	50
Merino		False
Beef	%	50
Finishing		False
Dairy or beef animals have direct access to streams		True
Development status (organic nutrients)		Developed
Pasture type		Ryegrass / white clover

### Pasture quality

Pasture digestibility and ME not entered	
Clover levels	Medium
Pasture utilisation (%)	65

### Soil information

Soil type	GRAMPIANS
Soil order (default)	Pallic
Soil group (default)	Recent/YGE/BGE
Sand parent material	False
Soil texture	Silt loam
Soil profile	Deep
Olsen P	16
QT K	7
QT Ca	7
QT Mg	23
QT Na	8
Organic S	6
TBK reserve K test	Not known
Anion storage capacity or PR	Not known

### Block Fertiliser

#### Fertiliser Calculator

Fertiliser name	Category	Amount (kg/ha/yr)
Superten	Ballance super	150

## Block Information

Parameter name	Units	Value
DAP No N added in May, June and July No soluble P applied in high risk months	Ballance other	60
Fertiliser P applied within 3 weeks of border dyke irrigation No supplements removed from the block		False

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