

# F.NIRS Sample Information Form

Please fill out this form for each sample

Office use only	
Sample No.	Date received

**Step-1** Person to receive this form for interpretation.

Email:

**Step-2** Post or email with sample(s) to:

Gcology  
PO Box 1187  
Osborne Park DC  
WA 6916

Email: admin@gcology.com.au

M: 0431 411 647

<b>1. Sample Name</b>		<b>Date Collected</b>
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## 2. Client Details

Property sampled	
Owner/Manager's Name	
Address / Other (e.g. Lot on plan or Lat & Long)	

## 3. Paddock Details

Paddock/Bore Name	Area: <span style="float: right;">ha, acres or km<sup>2</sup></span>		
Grazing System	<input type="checkbox"/> Continuous	<input type="checkbox"/> Rotational	<input type="checkbox"/> Cell
	<input type="checkbox"/> Other:		
Mineral Deficiencies	<input type="checkbox"/> Phosphorus	<input type="checkbox"/> Salt	<input type="checkbox"/> Sulphur <input type="checkbox"/> Unsure
	<input type="checkbox"/> Other:		
Major Land Types			
Main Pasture species	1 2 3	1 2 3	1 2 3
Main Browse species	1 2 3	1 2 3	1 2 3
Rainfall last wet season	<input type="checkbox"/> above average	<input type="checkbox"/> average	<input type="checkbox"/> below average
Paddock history? <i>(Enter dates)</i>	Burnt:		Destocked:
	Flooded:		Restocked:

## 4. Description of Cattle Sampled

Breed(s):		
Class	<input type="checkbox"/> Weaners ( <i>less than 12 mths</i> )	<input type="checkbox"/> Breeders ( <i>mixed ages</i> )
	<input type="checkbox"/> Steers/heifers ( <i>12mths+</i> )	<input type="checkbox"/> Aged cows ( <i>10 yrs +</i> )
	<input type="checkbox"/> Maiden heifers	<input type="checkbox"/> Bulls
	<input type="checkbox"/> First-calf cows	<input type="checkbox"/> Mixed class ( <i>male &amp; female</i> )
Mating	<input type="checkbox"/> Continuous <b>or</b>	Bulls in:
	<input type="checkbox"/> Controlled	Bulls Out:

## 5. Cattle Details (at time of sampling)

Weights	Max:	Min:	Average:
Weight change	<i>Visually, how are the cattle performing.</i>		
Wet cattle	<input type="checkbox"/> Gaining	<input type="checkbox"/> Holding	<input type="checkbox"/> Losing
Dry cattle	<input type="checkbox"/> Gaining	<input type="checkbox"/> Holding	<input type="checkbox"/> Losing

<b>Condition Score (use photos &amp; show range of percentages (no cross (x)s)</b>					
	1	2	3	4	5
Dry stock (%)	%	%	%	%	%
Wet stock (%)	%	%	%	%	%
Lactation (% wet)	<input type="checkbox"/> 0% <input type="checkbox"/> less 25% <input type="checkbox"/> 25-50% <input type="checkbox"/> 51-75% <input type="checkbox"/> >75%				
Current pregnancy status	Date	Pregnant		Empty	
		%		%	
Water available	<input type="checkbox"/> Bore water <input type="checkbox"/> Surface water <input type="checkbox"/> Medicated water				
If you have surface water, what is the water quality like at present?					

<b>6. Pasture and Rainfall Details (at time of sampling)</b>					
Pasture condition	Growth phase <i>Grass only</i>	Green: dry leaf ratio		Leaf: stem ratio <i>(for Grass only)</i>	
	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <i>Can select more than 1 box</i>	<i>Grass</i> <input type="checkbox"/> 100 % <input type="checkbox"/> 75 % <input type="checkbox"/> 50 % <input type="checkbox"/> 25 % <input type="checkbox"/> 0 % <i>1 box only</i>	<i>Non-grass (herbage, legumes)</i> <input type="checkbox"/> 100 % <input type="checkbox"/> 75 % <input type="checkbox"/> 50 % <input type="checkbox"/> 25 % <input type="checkbox"/> 0 % <i>1 box only</i>	<input type="checkbox"/> 75 % <input type="checkbox"/> 50 % <input type="checkbox"/> 25 % <input type="checkbox"/> 0 % <i>1 box only</i>	
Recent pasture damage	<input type="checkbox"/> Frosted <input type="checkbox"/> Other: <input type="checkbox"/> Rain-spoiled <input type="checkbox"/> Fire				
Pasture yield	<input type="checkbox"/> less than 500 kg/ha <input type="checkbox"/> 500 –1000 kg/ha <input type="checkbox"/> 1001 – 2000 kg/ha		<input type="checkbox"/> 2001 – 3000 kg/ha <input type="checkbox"/> 3001 – 4000 kg/ha <input type="checkbox"/> more than 4,000 kg/ha		
Rainfall in last month	Total Rainfall		No. of rain events		No. of rain events
	mm	Less than 10mm		51-100 mm	
		11-20 mm		101-200 mm	
		21-50 mm		201+ mm	
Legumes/forbs present <i>Mark the box(es) if present and note name if known</i>	<input type="checkbox"/> Legumes <input type="checkbox"/> Forbs		<i>If browse, legumes or forbs are being grazed by cattle please make a note in Section 8 Comments</i>		

<b>7. Is a supplement being fed?    <input type="checkbox"/> Yes    <input type="checkbox"/> No</b>						
	Supplement name	Date started	Urea%	P%	Total CP%	Intake/hd/day
1						
2						

<b>8. Any other comments on conditions that might have an influence on the F.NIRS results.</b>