



Not Assessed	≥ 70
Assessment Area	PPFs Altered
Roads	
Noise Level	dB LAeq 24 hr
	≤ 64
dB LAeq 24 hr	
55 - 60	
60 - 65	
65 - 70	

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Map Scale @ A3:		Revision	Author	Verified	Approved	Date	Title: <b>Supporting Growth</b> NoR 4 - Mitigation <i>Working Plans of Te Tupu Ngatahi.</i> <i>For the purpose of INTERNAL workshops (not for wider distribution)</i>	Client: Supporting Growth		Discipline: GIS
		1	Author	DRAFT	DRAFT	dd/mm/yyyy		Project: Warkworth		Drawing No: SGA-NV-NW-013



Not Assessed
   $\geq 70$

Assessment Area
 **PPFs Altered**

Roads

**Noise Level**

dB  $L_{Aeq}$  24 hr

55 - 60
   $\leq 64$

60 - 65

65 - 70

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Path: C:\GIS\SGA\_Warkworth\SGA\_Warkworth.aprx

Map Scale @ A3:



Revision	Author	Verified	Approved	Date	Title:
	JR	CD			<b>Supporting Growth</b> <b>NoR 4 - Mitigation</b> <small>Working Plans of Te Tupu Ngatahi. For the purpose of INTERNAL workshops (not for wider distribution)</small>
1	Author	DRAFT	DRAFT	dd/mm/yyyy	

Client:	<b>Supporting Growth</b>
Project:	<b>Warkworth</b>



Discipline:	GIS
Drawing No:	<b>SGA-NV-NW-013</b>



Not Assessed  
 Assessment Area  
 Roads

**Noise Level**  
 dB L<sub>Aeq</sub> 24 hr  
 55 - 60  
 60 - 65  
 65 - 70

**PPFs Altered**  
 dB L<sub>Aeq</sub> 24 hr  
 ≤ 64

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**Supporting Growth**  
**NoR 4 - Mitigation**  
Working Plans of Te Tupu Ngatahi.  
For the purpose of INTERNAL workshops (not for wider distribution)

Client:	<b>Supporting Growth</b>
Project:	<b>Warkworth</b>



Discipline:	<b>GIS</b>
Drawing No:	<b>SGA-NV-NW-013</b>



Not Assessed	≥ 70
Assessment Area	PPFs Altered
Roads	
Noise Level	dB LAeq 24 hr
55 - 60	≤ 64
60 - 65	≥ 67
65 - 70	

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Map Scale @ A3:



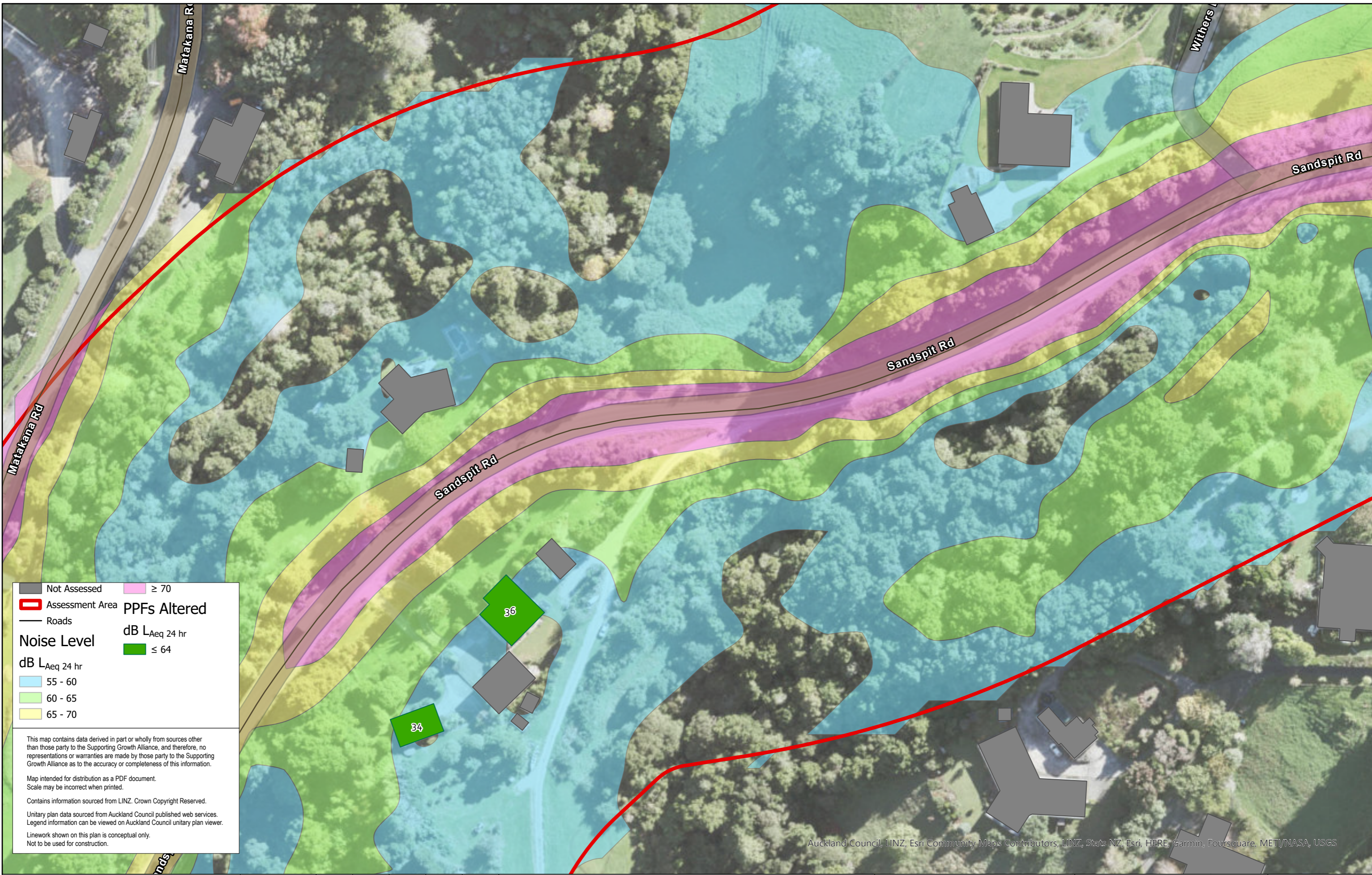
Revision	Author	Verified	Approved	Date
	JR	CD		
1	Author	DRAFT	DRAFT	dd/mm/yyyy

**Supporting Growth**  
**NoR 5 - Existing**  
 Working Plans of Te Tupu Ngatahi.  
 For the purpose of INTERNAL workshops (not for wider distribution)

Client:	Supporting Growth
Project:	Warkworth



Discipline:	GIS
Drawing No:	SGA-NV-NW-013



Not Assessed  
  $\geq 70$   
 55 - 60  
 60 - 65  
 65 - 70

Assessment Area  
 — Roads  
**Noise Level**  
**dB L<sub>Aeq</sub> 24 hr**  
  $\leq 64$

**PPFs Altered**

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Title:

**Supporting Growth**  
NoR 5 - Existing

Working Plans of Te Tupu Ngatahi.  
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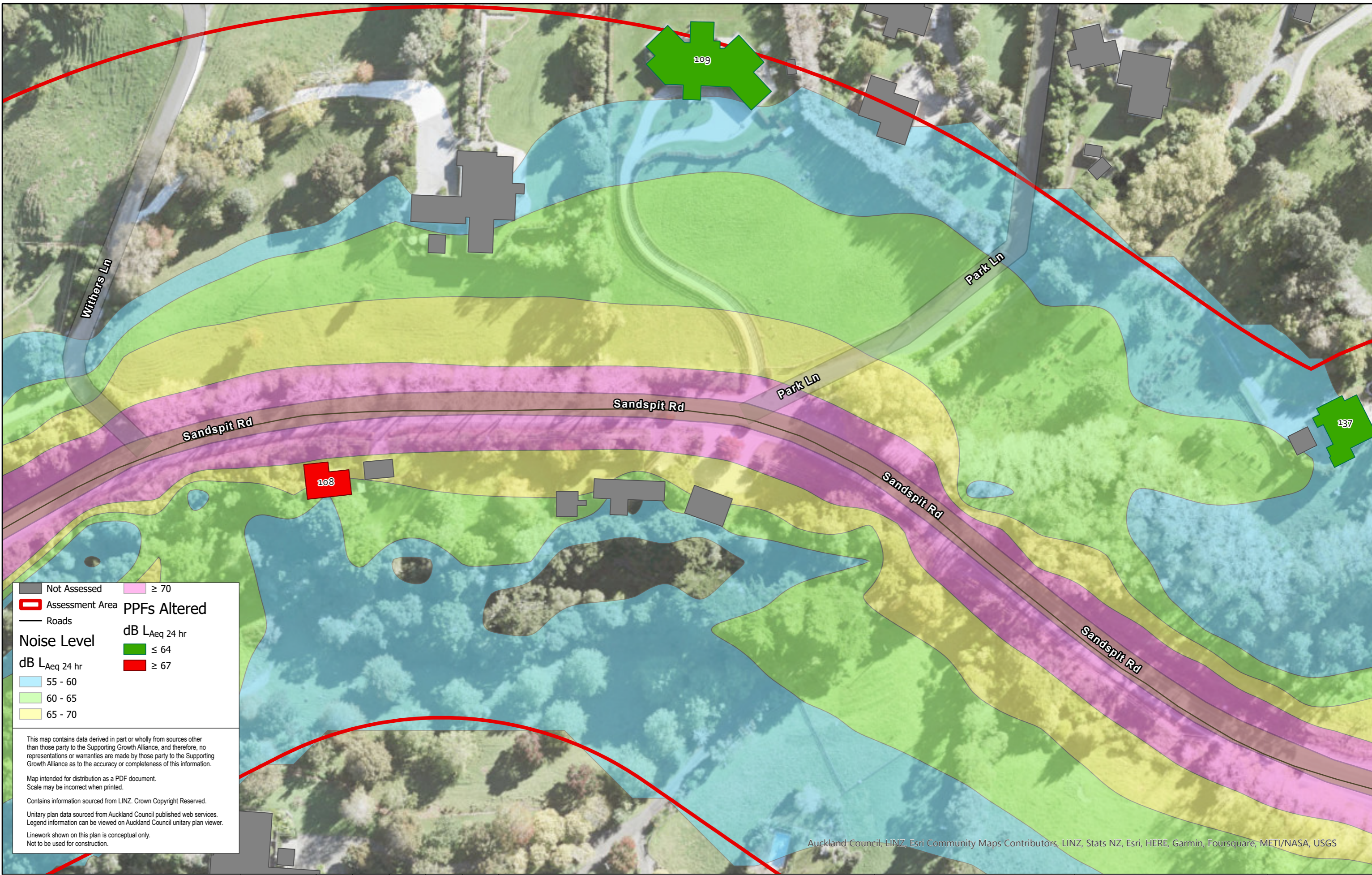
Client: **Supporting Growth**

Project: **Warkworth**



Discipline: **GIS**

Drawing No: **SGA-NV-NW-013**



Not Assessed	≥ 70
Assessment Area	PPFs Altered
Roads	
Noise Level	dB LAeq 24 hr
55 - 60	≤ 64
60 - 65	≥ 67
65 - 70	

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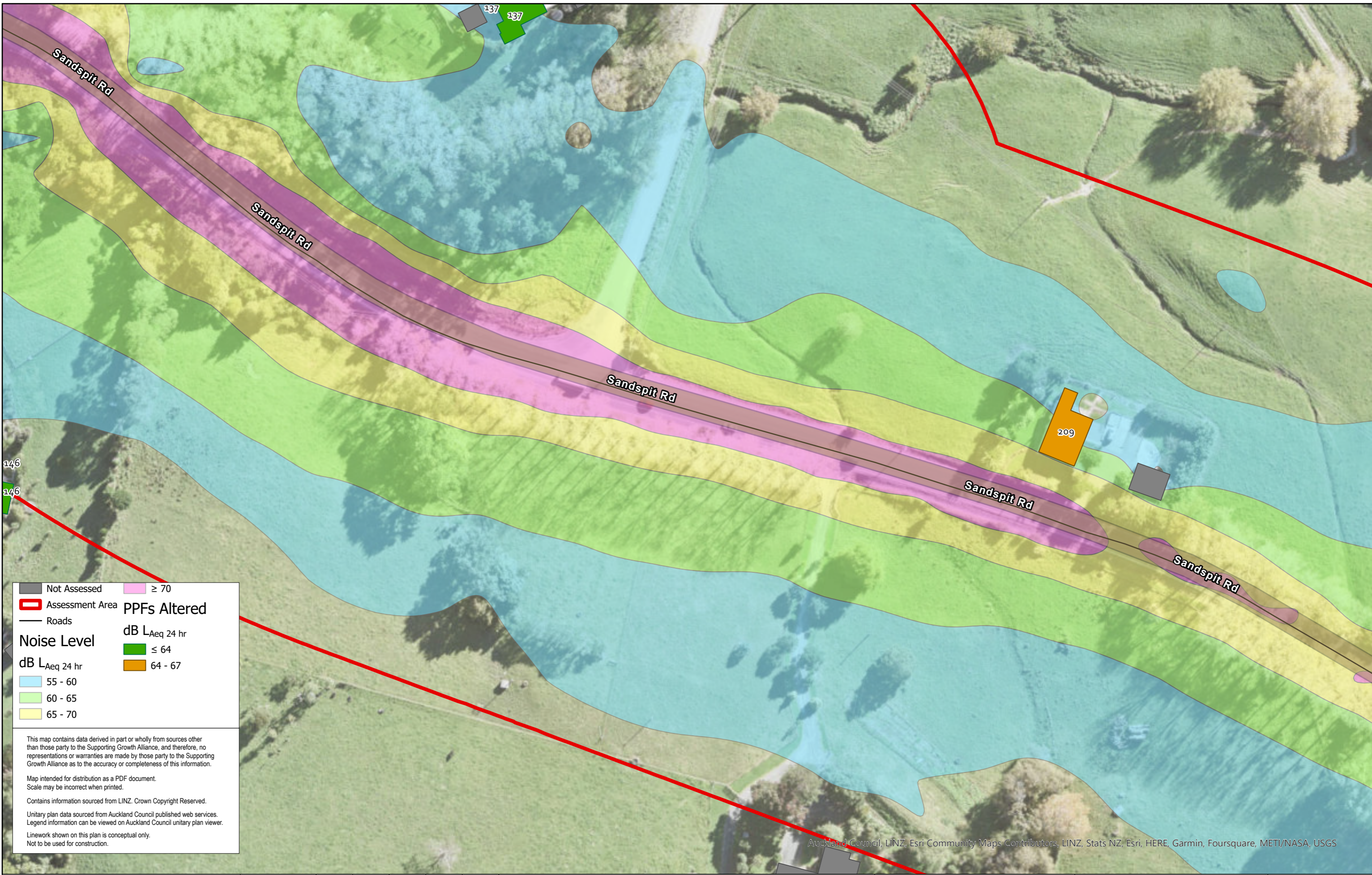
Revision	Author	Verified	Approved	Date
	JR	CD		
1	Author	DRAFT	DRAFT	dd/mm/yyyy

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**NoR 5 - Existing**  
*Working Plans of Te Tupu Ngatahi.*  
*For the purpose of INTERNAL workshops (not for wider distribution)*

Client:	Supporting Growth
Project:	Warkworth



Discipline:	GIS
Drawing No:	SGA-NV-NW-013



Not Assessed	≥ 70
Assessment Area	PPFs Altered
Roads	
Noise Level	dB LAeq 24 hr
55 - 60	≤ 64
60 - 65	64 - 67
65 - 70	

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	JR	CD			<b>Supporting Growth</b> NoR 5 - Existing
1	Author	DRAFT	DRAFT	dd/mm/yyyy	

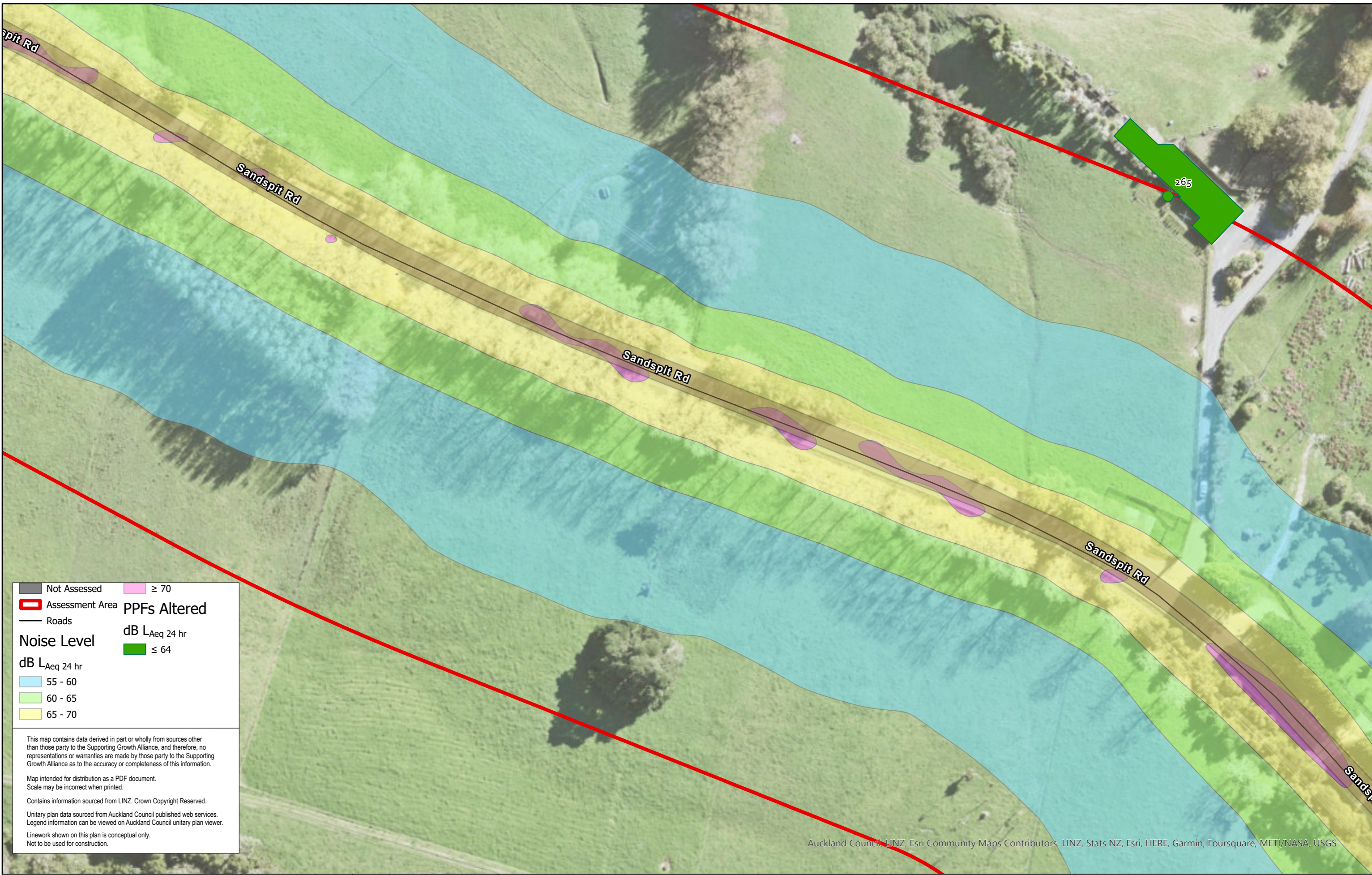
**Supporting Growth**  
NoR 5 - Existing

*Working Plans of Te Tupu Ngatahi.*  
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Client:	Supporting Growth
Project:	Warkworth



Discipline:	GIS
Drawing No:	SGA-NV-NW-013



Not Assessed	≥ 70
Assessment Area	PPFs Altered
Roads	
Noise Level	dB LAeq 24 hr
	≤ 64
dB LAeq 24 hr	
55 - 60	
60 - 65	
65 - 70	

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1	Author	DRAFT	DRAFT	dd/mm/yyyy	

**Supporting Growth**  
NoR 5 - Existing

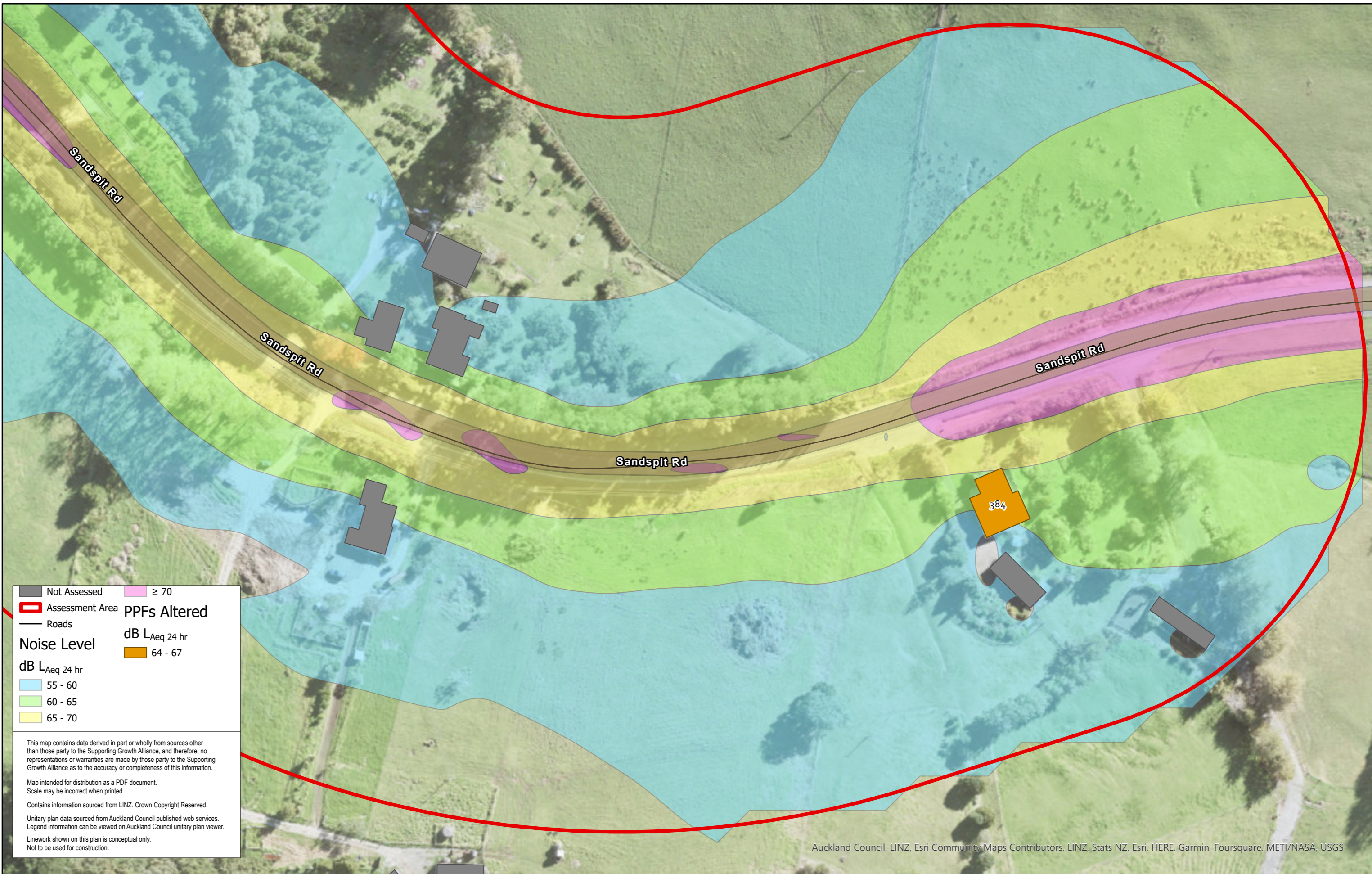
*Working Plans of Te Tupu Ngatahi.*  
*For the purpose of INTERNAL workshops (not for wider distribution)*

Client:	<b>Supporting Growth</b>
Project:	<b>Warkworth</b>



Discipline:	GIS
Drawing No:	<b>SGA-NV-NW-013</b>





Not Assessed	≥ 70
Assessment Area	PPFs Altered
Roads	
Noise Level	dB LAeq 24 hr
55 - 60	64 - 67
60 - 65	
65 - 70	

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1	Author	DRAFT	DRAFT	dd/mm/yyyy

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**NoR 5 - Existing**  
 Working Plans of Te Tupu Ngatahi.  
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Client:	Supporting Growth
Project:	Warkworth



Discipline:	GIS
Drawing No:	SGA-NV-NW-013



Not Assessed	≥ 70
Assessment Area	PPFs Altered
Roads	
Noise Level	dB L <sub>Aeq</sub> 24 hr
55 - 60	≤ 64
60 - 65	≥ 67
65 - 70	

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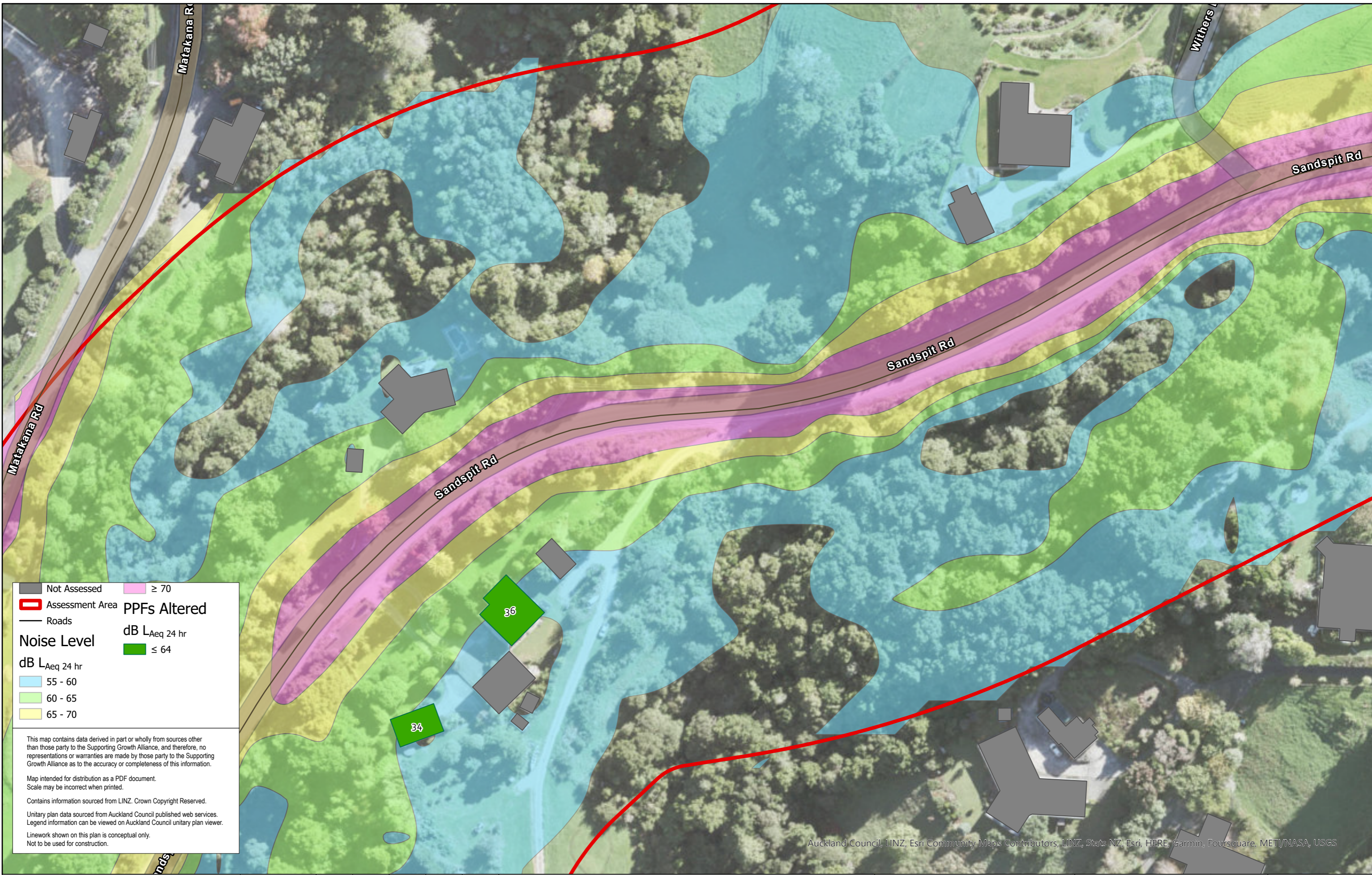
Revision	Author	Verified	Approved	Date
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1	Author	DRAFT	DRAFT	dd/mm/yyyy

**Supporting Growth**  
**NoR 5 - Do Nothing**  
 Working Plans of Te Tupu Ngatahi.  
 For the purpose of INTERNAL workshops (not for wider distribution)

Client:	Supporting Growth
Project:	Warkworth



Discipline:	GIS
Drawing No:	SGA-NV-NW-013



Not Assessed  
  $\geq 70$   
 55 - 60  
 60 - 65  
 65 - 70

Assessment Area  
 — Roads  
**Noise Level**  
**dB L<sub>Aeq</sub> 24 hr**  
  $\leq 64$

**PPFs Altered**  
**dB L<sub>Aeq</sub> 24 hr**  
  $\leq 64$

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1	Author	DRAFT	DRAFT	dd/mm/yyyy

Title:

**Supporting Growth**  
**NoR 5 - Do Nothing**

Working Plans of Te Tupu Ngatahi.  
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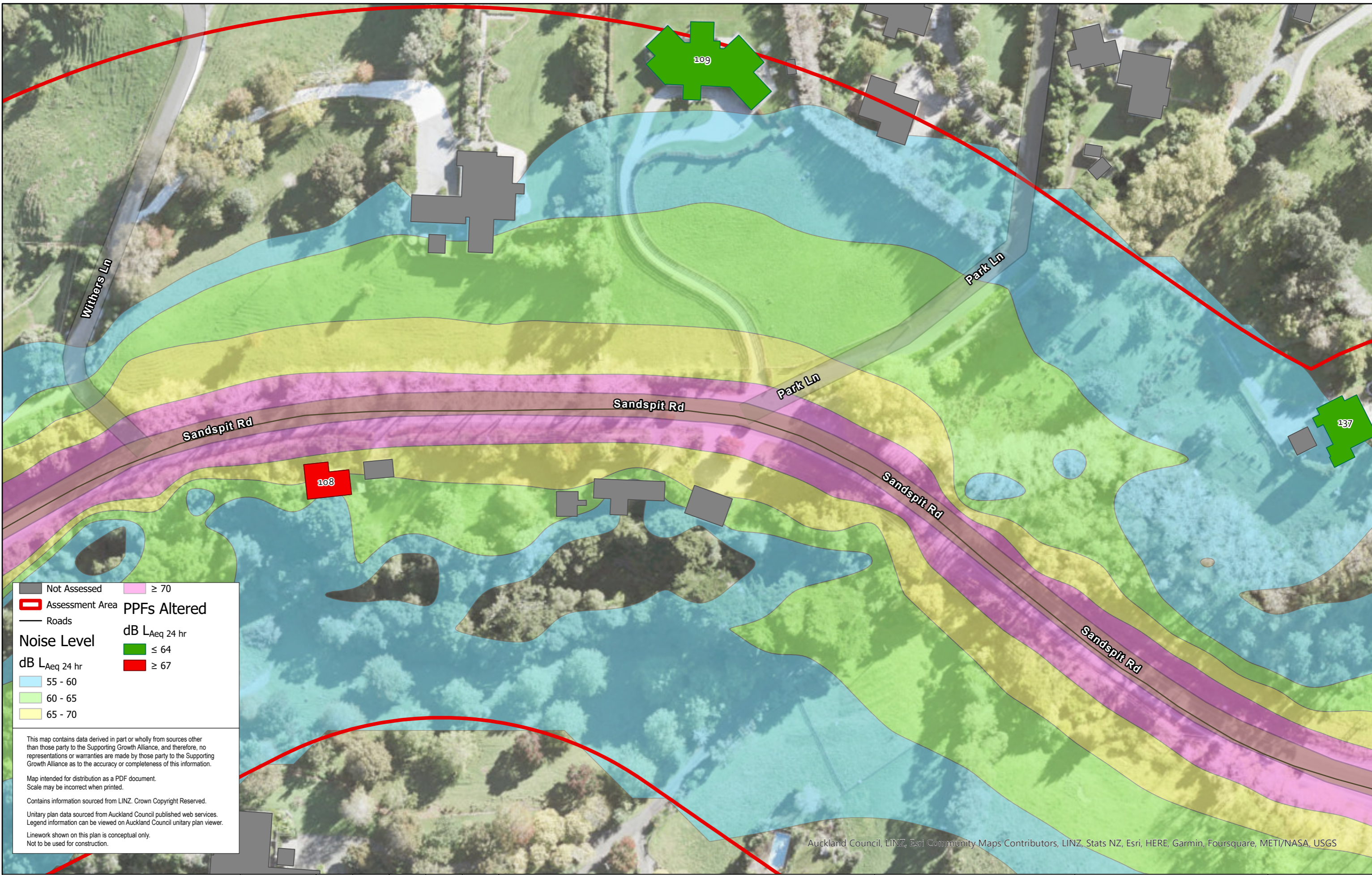
Client: **Supporting Growth**

Project: **Warkworth**



Discipline: **GIS**

Drawing No: **SGA-NV-NW-013**



Not Assessed	≥ 70
Assessment Area	PPFs Altered
Roads	
Noise Level	dB LAeq 24 hr
dB LAeq 24 hr	≤ 64
55 - 60	≥ 67
60 - 65	
65 - 70	

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Map Scale @ A3:



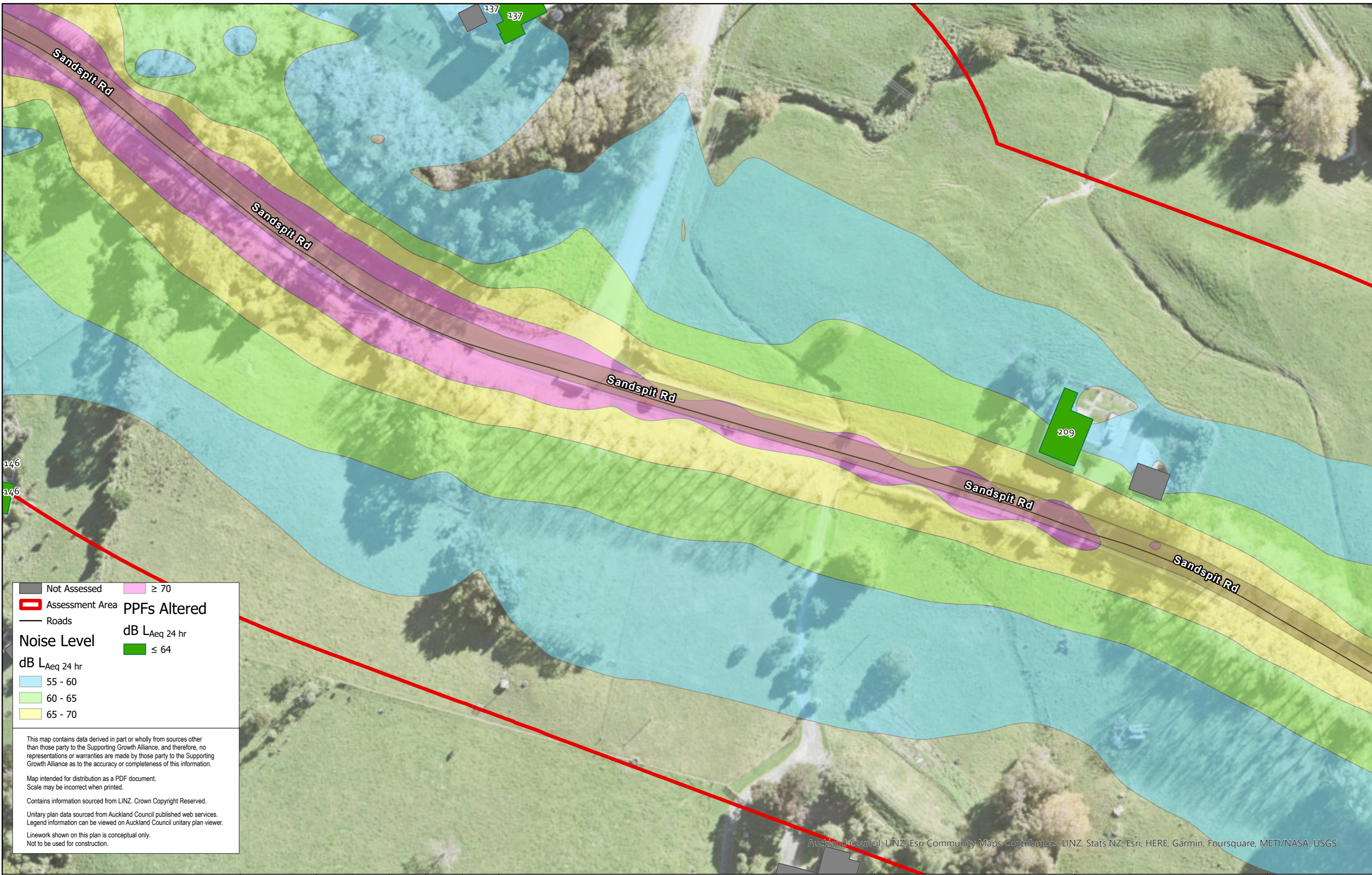
Revision	Author	Verified	Approved	Date
	JR	CD		
1	Author	DRAFT	DRAFT	dd/mm/yyyy

**Supporting Growth**  
**NoR 5 - Do Nothing**  
 Working Plans of Te Tupu Ngatahi.  
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Client: **Supporting Growth**  
 Project: **Warkworth**



Discipline: **GIS**  
 Drawing No: **SGA-NV-NW-013**



Not Assessed	≥ 70
Assessment Area	<b>PPFs Altered</b>
Roads	<b>dB LAeq 24 hr</b>
<b>Noise Level</b>	≤ 64
<b>dB LAeq 24 hr</b>	
55 - 60	
60 - 65	
65 - 70	

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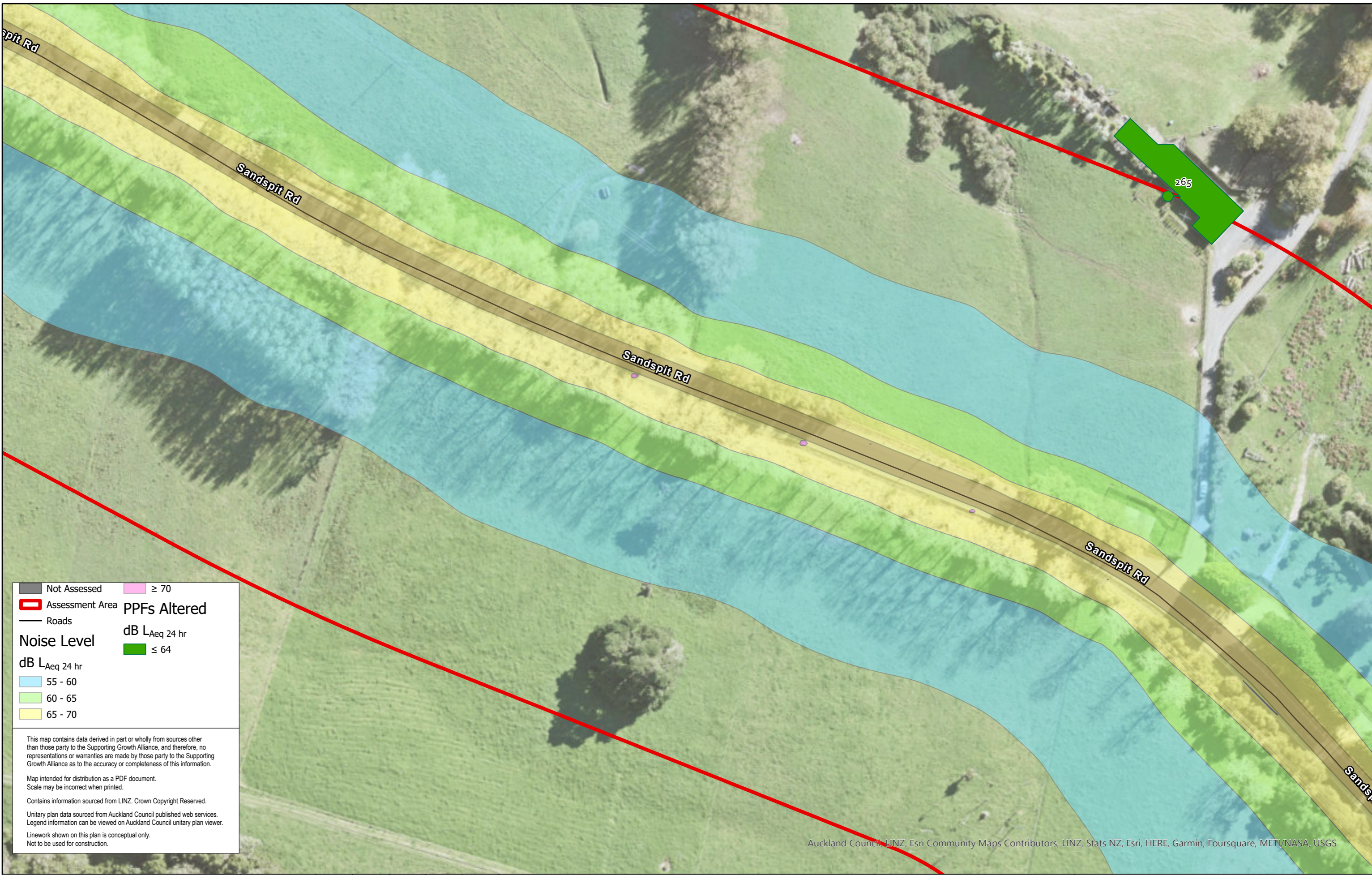


Revision	Author	Verified	Approved	Date	Title:
	JR	CD			<b>Supporting Growth</b> <b>NoR 5 - Do Nothing</b> <i>Working Plans of Te Tupu Ngatahi.</i> <i>For the purpose of INTERNAL workshops (not for wider distribution)</i>
1	Author	DRAFT	DRAFT	dd/mm/yyyy	

Client:	<b>Supporting Growth</b>
Project:	<b>Warkworth</b>



Discipline:	<b>GIS</b>
Drawing No:	<b>SGA-NV-NW-013</b>



Not Assessed	≥ 70
Assessment Area	PPFs Altered
Roads	
Noise Level	dB LAeq 24 hr
55 - 60	≤ 64
60 - 65	
65 - 70	

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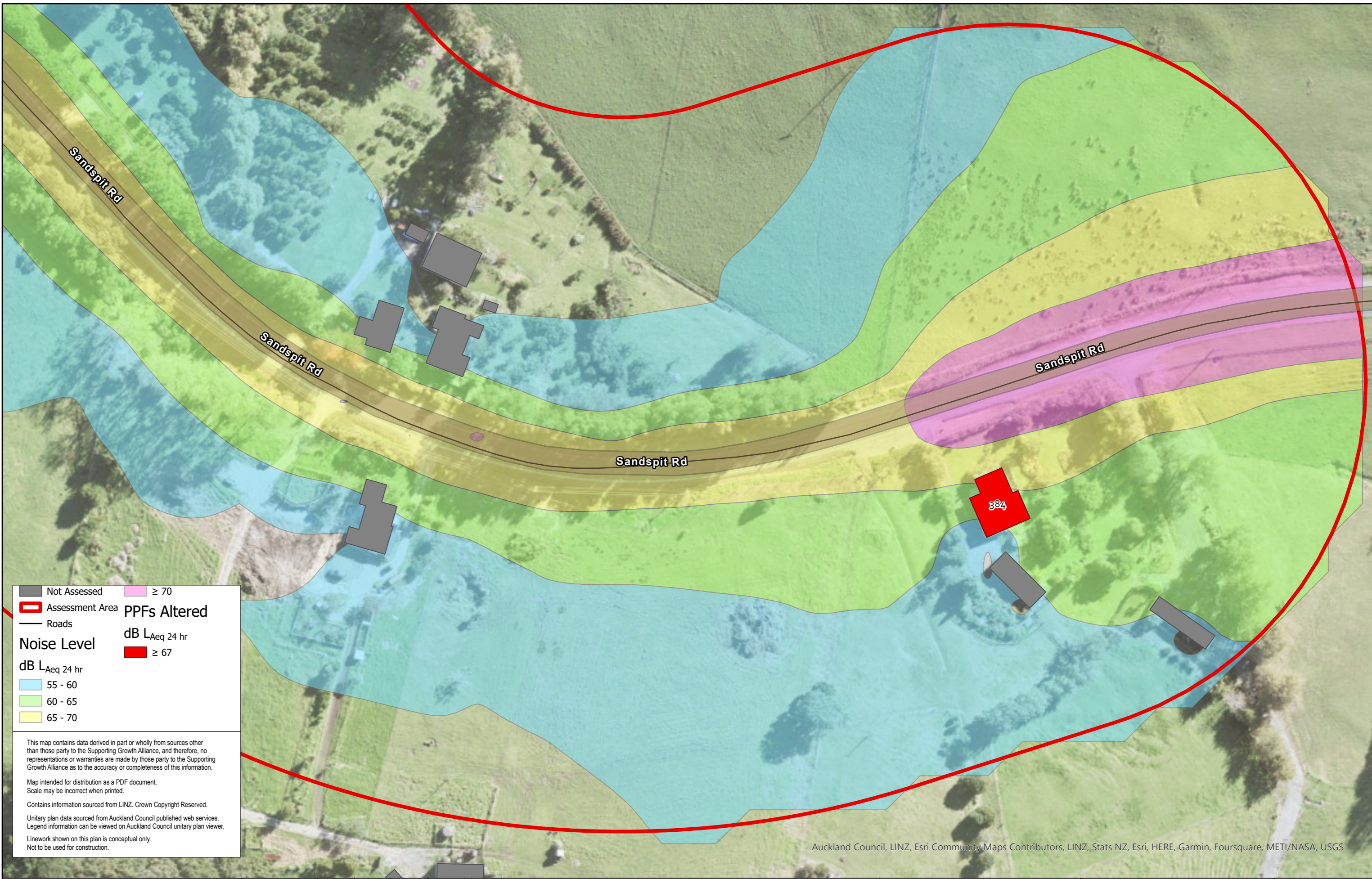
Revision	Author	Verified	Approved	Date
	JR	CD		
1	Author	DRAFT	DRAFT	dd/mm/yyyy

**Supporting Growth**  
**NoR 5 - Do Nothing**  
 Working Plans of Te Tupu Ngatahi.  
 For the purpose of INTERNAL workshops (not for wider distribution)

Client:	Supporting Growth
Project:	Warkworth

**TE TUPU NGĀTAHI**  
Supporting Growth

Discipline:	GIS
Drawing No:	SGA-NV-NW-013



Not Assessed  
  $\geq 70$   
 Assessment Area  
 Roads  
**Noise Level**  
**dB L<sub>Aeq</sub> 24 hr**  
 55 - 60  
 60 - 65  
 65 - 70

**PPFs Altered**  
**dB L<sub>Aeq</sub> 24 hr**  
  $\geq 67$

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	JR	CD		
1	Author	DRAFT	DRAFT	dd/mm/yyyy

Title:

**Supporting Growth**  
**NoR 5 - Do Nothing**

Working Plans of Te Tupu Ngatahi.  
 For the purpose of INTERNAL workshops (not for wider distribution)

Client:

Supporting Growth

Project:

Warkworth



Discipline:

GIS

Drawing No:

SGA-NV-NW-013



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Assessment Area	PPFs Altered
Roads	
Noise Level	dB LAeq 24 hr
55 - 60	≤ 64
60 - 65	
65 - 70	

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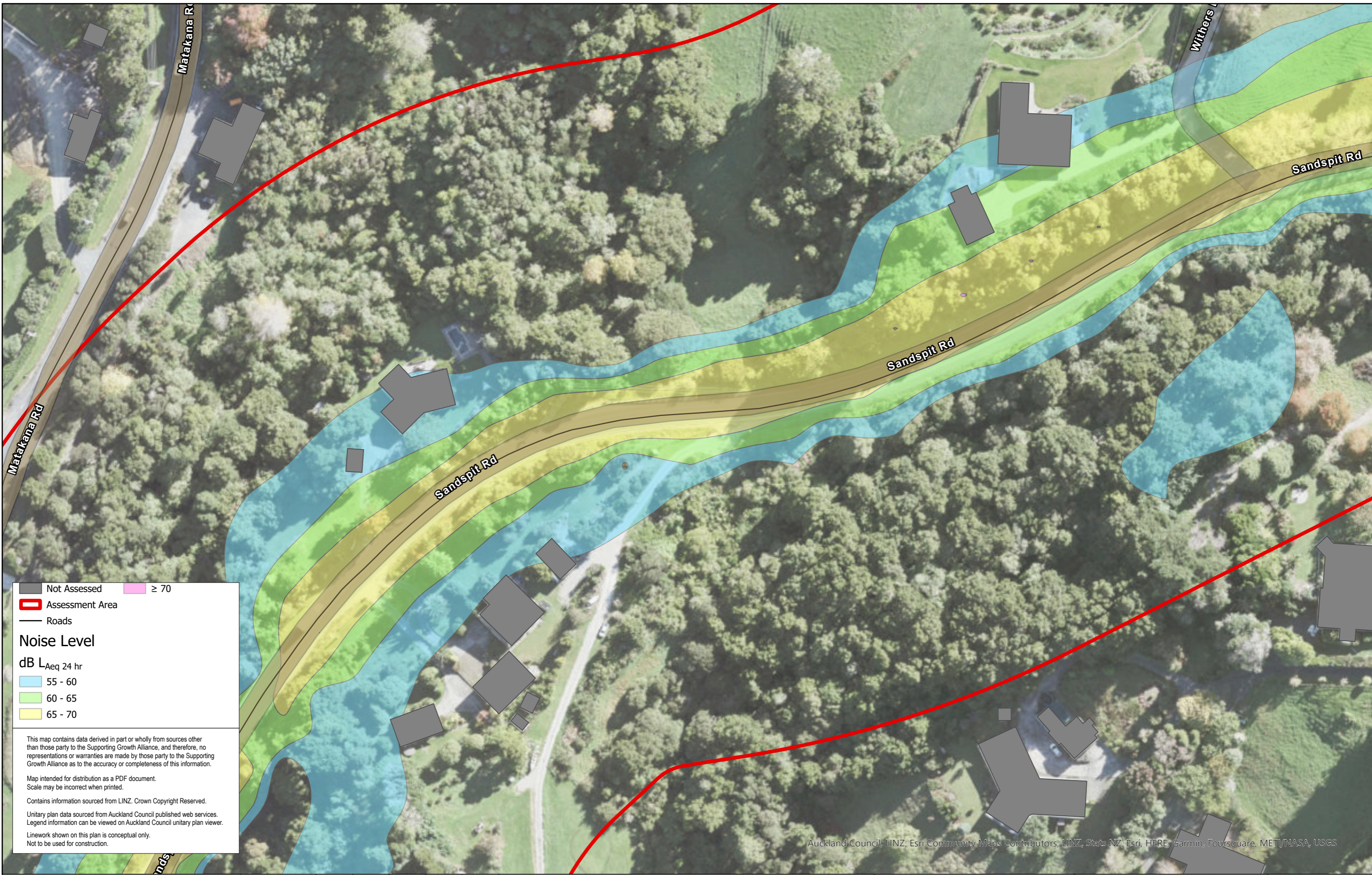
**Supporting Growth**  
**NoR 5 - Do Minimum**  
 Working Plans of Te Tupu Ngatahi.  
 For the purpose of INTERNAL workshops (not for wider distribution)

Client:	Supporting Growth
Project:	Warkworth



Discipline:	GIS
Drawing No:	SGA-NV-NW-013





Not Assessed       $\geq 70$   
 Assessment Area  
 Roads

**Noise Level**

dB L<sub>Aeq</sub> 24 hr

- 55 - 60
- 60 - 65
- 65 - 70

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Revision	Author	Verified	Approved	Date
	JR	CD		
1	Author	DRAFT	DRAFT	dd/mm/yyyy

Title:

**Supporting Growth**  
**NoR 5 - Do Minimum**

*Working Plans of Te Tupu Ngatahi.  
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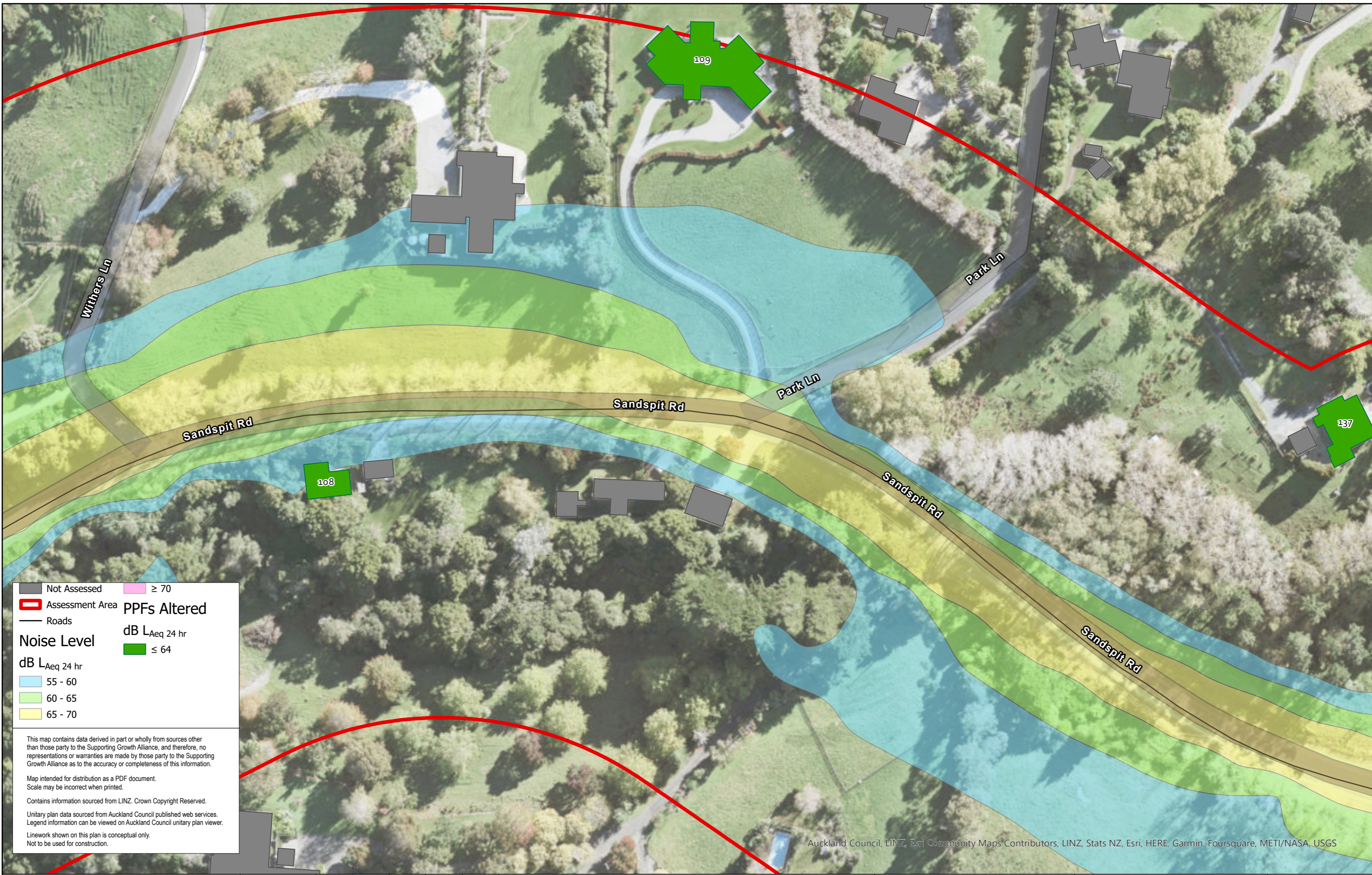
Client: **Supporting Growth**

Project: **Warkworth**



Discipline: **GIS**

Drawing No: **SGA-NV-NW-013**



Not Assessed  
  $\geq 70$   
 55 - 60  
 60 - 65  
 65 - 70

Assessment Area  
 Roads  
 PPFs Altered  
  $\leq 64$

**Noise Level**  
 dB L<sub>Aeq</sub> 24 hr

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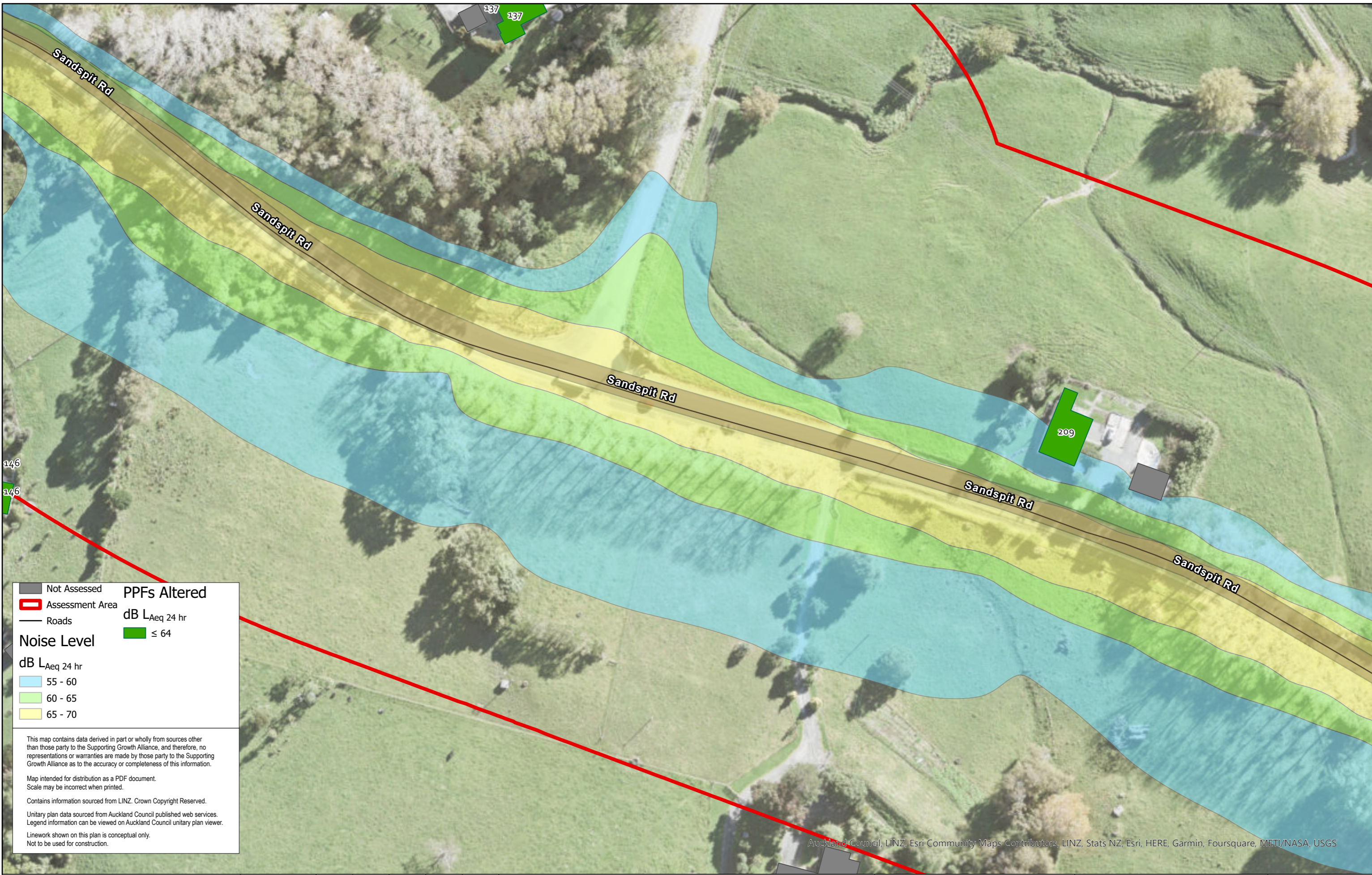
Revision	Author	Verified	Approved	Date
	JR	CD		
1	Author	DRAFT	DRAFT	dd/mm/yyyy

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**NoR 5 - Do Minimum**  
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Client:	Supporting Growth
Project:	Warkworth



Discipline:	GIS
Drawing No:	SGA-NV-NW-013



Not Assessed  
 Assessment Area  
 Roads

**Noise Level**  
 dB L<sub>Aeq</sub> 24 hr  
 55 - 60  
 60 - 65  
 65 - 70

**PPFs Altered**  
 dB L<sub>Aeq</sub> 24 hr  
 ≤ 64

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Map Scale @ A3:



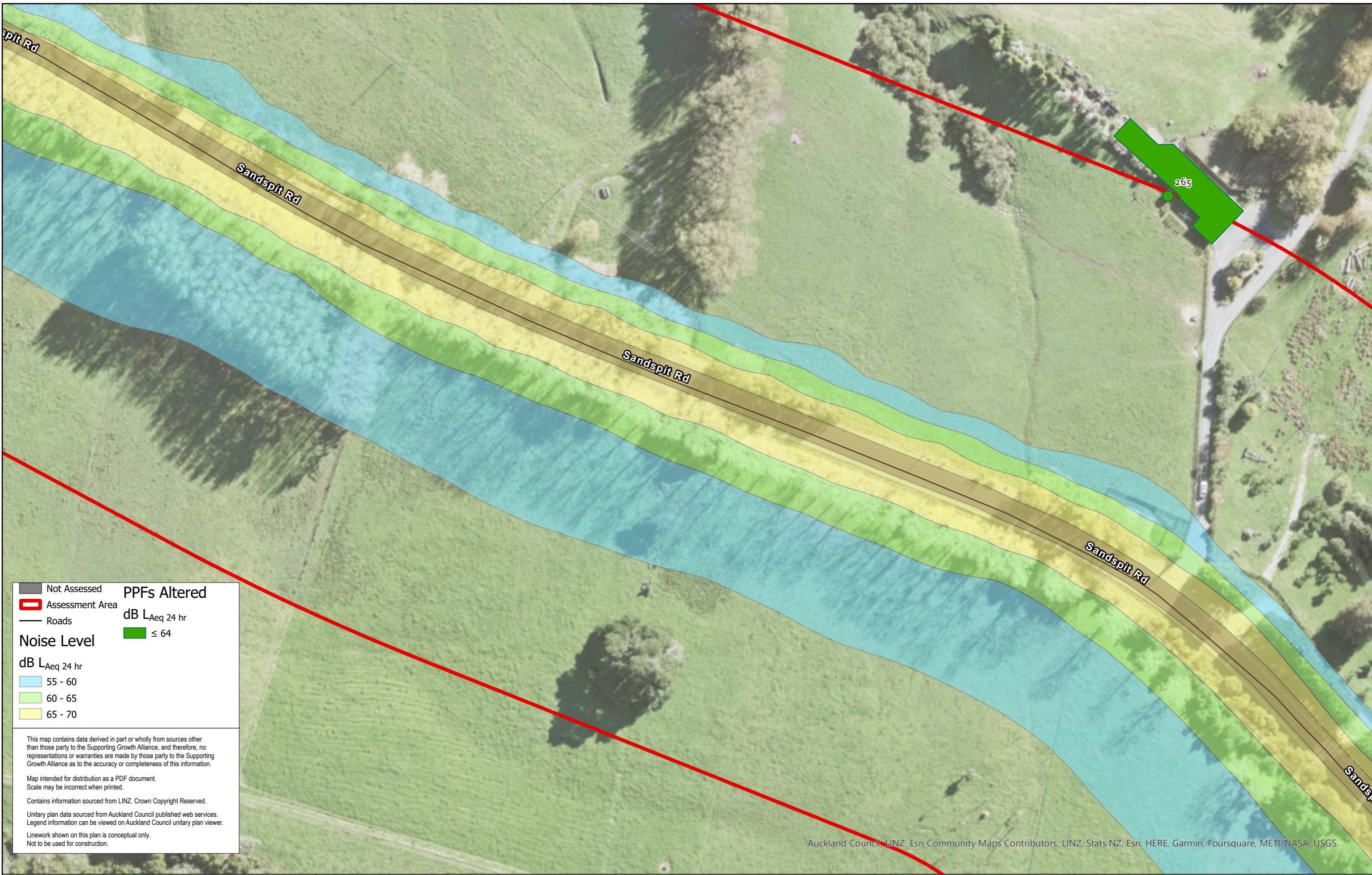
Revision	Author	Verified	Approved	Date	Title:
	JR	CD			<b>Supporting Growth</b> <b>NoR 5 - Do Minimum</b>
1	Author	DRAFT	DRAFT	dd/mm/yyyy	

**Supporting Growth**  
**NoR 5 - Do Minimum**  
Working Plans of Te Tupu Ngatahi.  
For the purpose of INTERNAL workshops (not for wider distribution)

Client:	<b>Supporting Growth</b>
Project:	<b>Warkworth</b>



Discipline:	<b>GIS</b>
Drawing No:	<b>SGA-NV-NW-013</b>



Not Assessed  
 Assessment Area  
 Roads

**Noise Level**  
 dB L<sub>Aeq</sub> 24 hr  
 55 - 60  
 60 - 65  
 65 - 70

**PPFs Altered**  
 dB L<sub>Aeq</sub> 24 hr  
 ≤ 64

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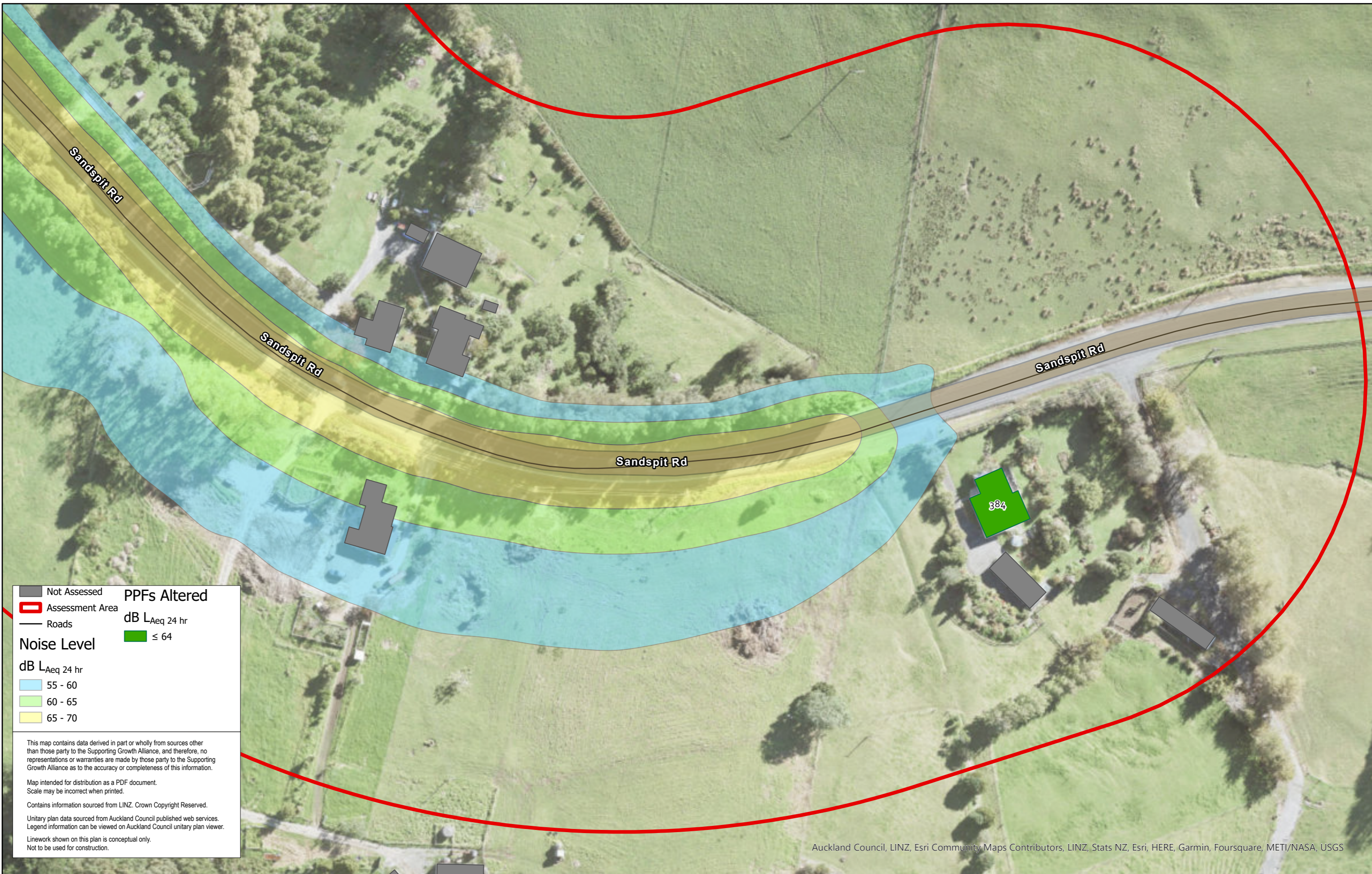
Revision	Author	Verified	Approved	Date
	JR	CD		
1	Author	DRAFT	DRAFT	dd/mm/yyyy

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**NoR 5 - Do Minimum**  
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Client:	Supporting Growth
Project:	Warkworth



Discipline:	GIS
Drawing No:	SGA-NV-NW-013



Not Assessed  
 Assessment Area  
 Roads

**Noise Level**  
 dB L<sub>Aeq</sub> 24 hr  
 55 - 60  
 60 - 65  
 65 - 70

**PPFs Altered**  
 dB L<sub>Aeq</sub> 24 hr  
 ≤ 64

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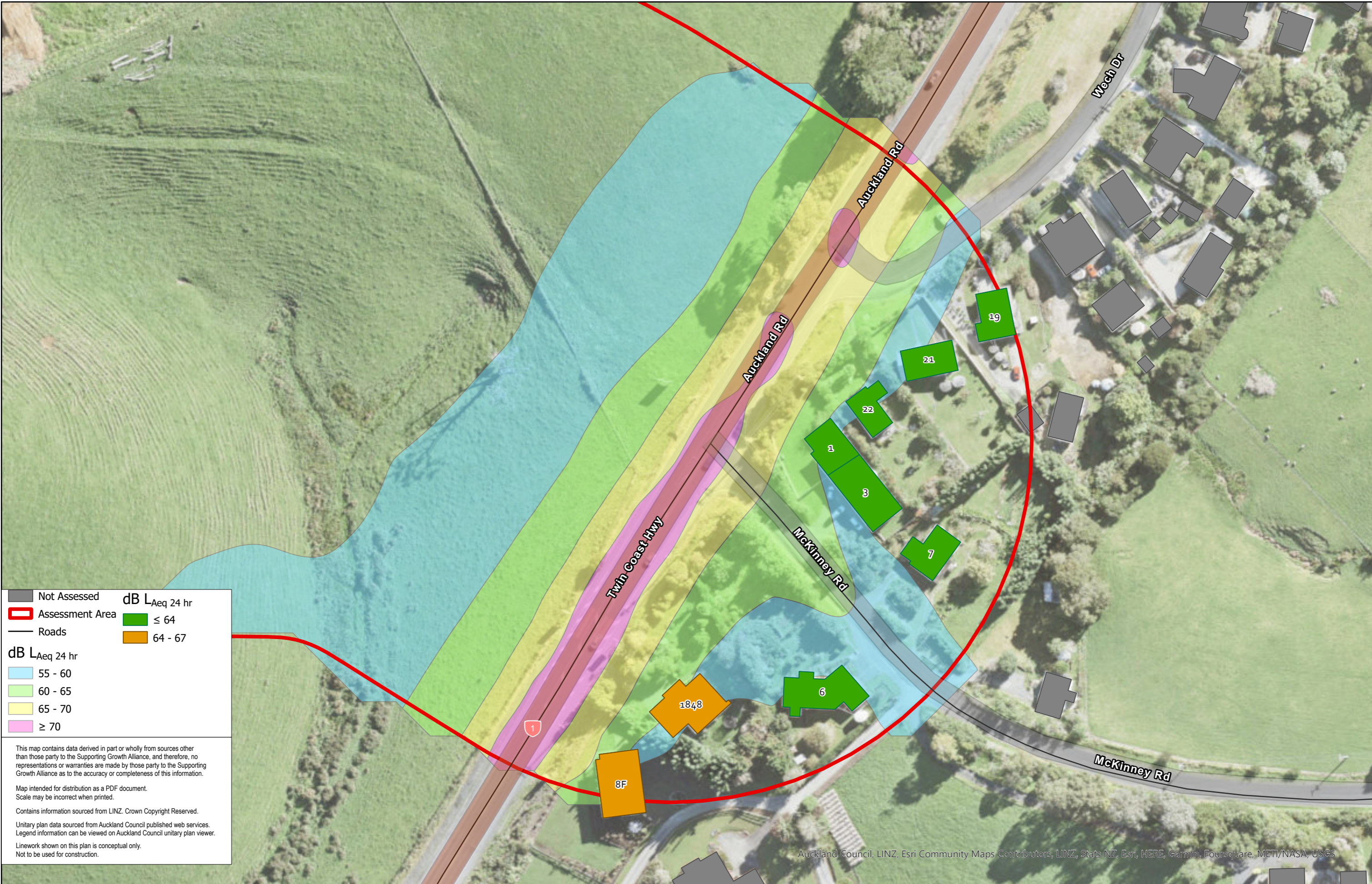
Revision	Author	Verified	Approved	Date
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**Supporting Growth**  
**NoR 5 - Do Minimum**  
 Working Plans of Te Tupu Ngatahi.  
 For the purpose of INTERNAL workshops (not for wider distribution)

Client:	Supporting Growth
Project:	Warkworth



Discipline:	GIS
Drawing No:	SGA-NV-NW-013



Not Assessed  
 Assessment Area  
 Roads

**dB LAeq 24 hr**  
 ≤ 64  
 64 - 67

**dB LAeq 24 hr**  
 55 - 60  
 60 - 65  
 65 - 70  
 ≥ 70

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Revision	Author	Verified	Approved	Date																	
	JR	CD																			
1	Author	DRAFT	DRAFT	dd/mm/yyyy																	



**PPFs New**

**dB L<sub>Aeq</sub> 24 hr**

≤ 57

**dB L<sub>Aeq</sub> 24 hr**

≤ 64

Not Assessed

Assessment Area

Roads

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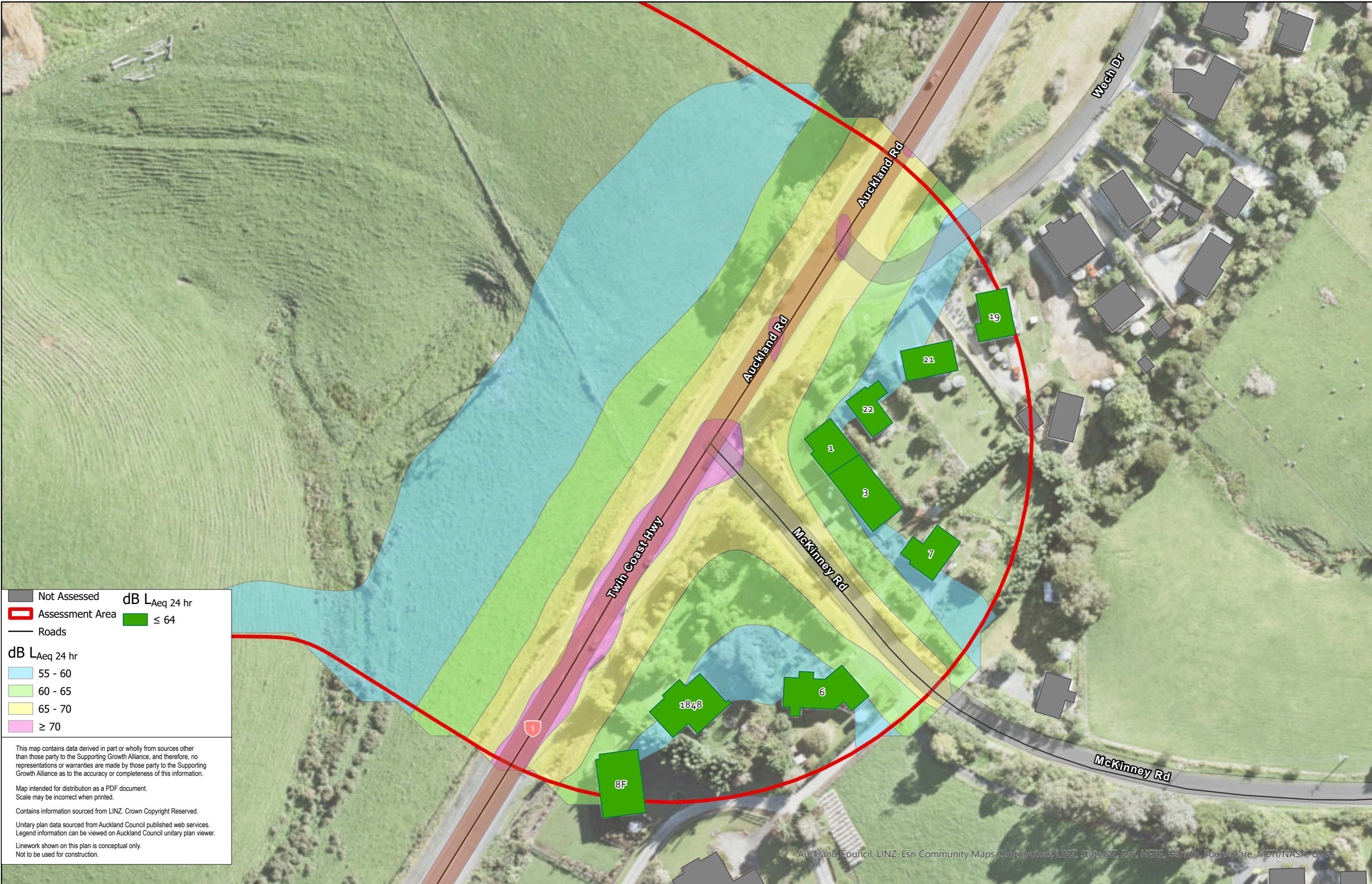
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Map Scale @ A3:		Revision	Author	Verified	Approved	Date	Title: <b>Supporting Growth</b> NoR 6 - Existing <i>Working Plans of Te Tupu Ngatahi.</i> <i>For the purpose of INTERNAL workshops (not for wider distribution)</i>	Client: Supporting Growth		Discipline: GIS
		1	Author	DRAFT	DRAFT	dd/mm/yyyy		Project: Warkworth		Drawing No: SGA-NV-NW-013



Not Assessed    **dB LAeq 24 hr**  
 Assessment Area     ≤ 64  
 Roads

**dB LAeq 24 hr**  
 55 - 60  
 60 - 65  
 65 - 70  
 ≥ 70

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Revision	Author	Verified	Approved	Date												
1	Author	DRAFT	DRAFT	dd/mm/yyyy												





Not Assessed  
 Assessment Area  
 Roads

**dB LAeq 24 hr**  
 55 - 60  
 60 - 65  
 65 - 70

$\geq 67$

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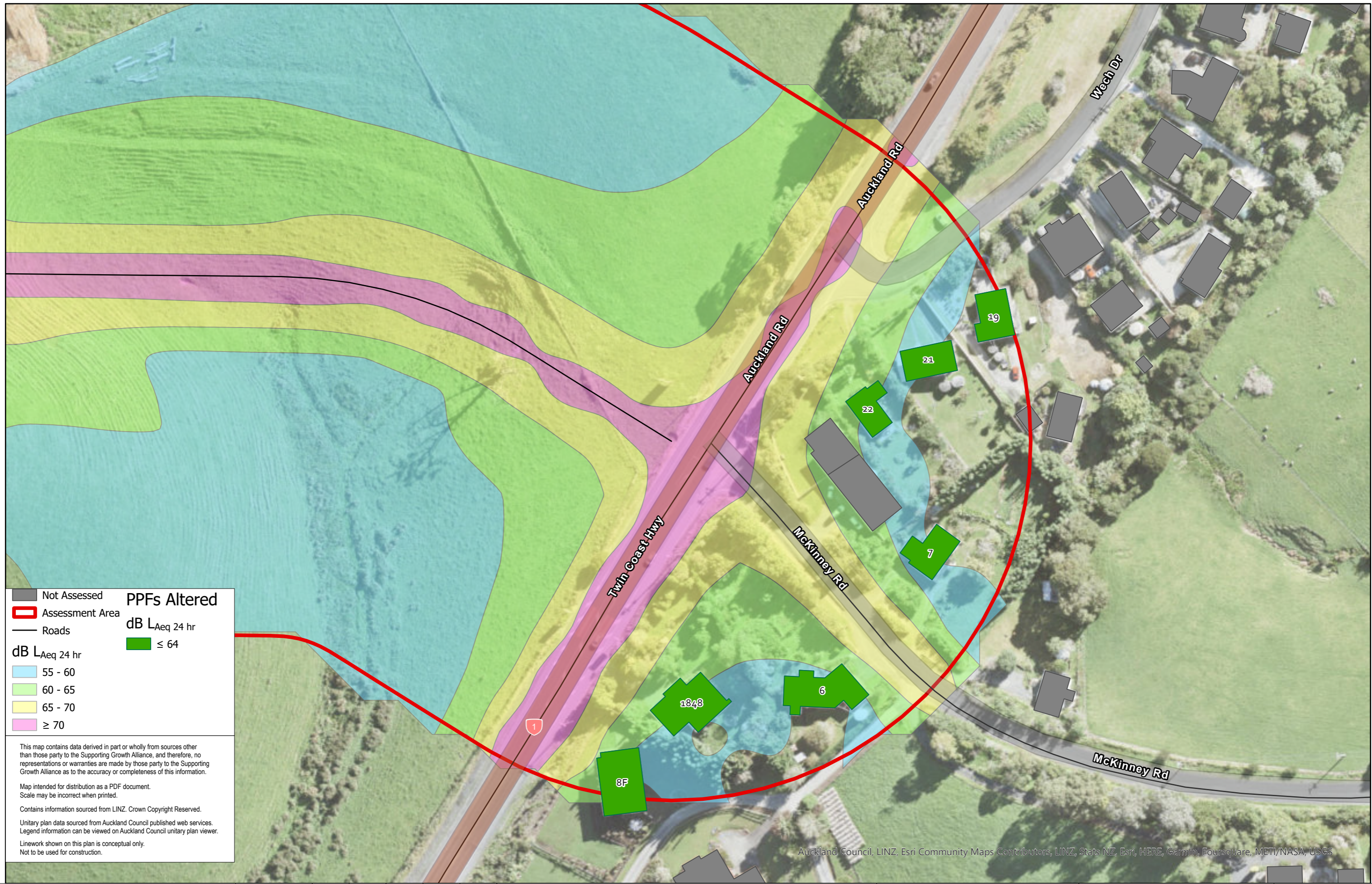
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Revision	Author	Verified	Approved	Date																	
	JR	CD																			
1	Author	DRAFT	DRAFT	dd/mm/yyyy																	



**Not Assessed** (Grey box)

**Assessment Area** (Red outline)

**Roads** (Black line)

**PPFs Altered**

**dB LAeq 24 hr**

- 55 - 60 (Light blue)
- 60 - 65 (Light green)
- 65 - 70 (Yellow)
- ≥ 70 (Pink)

**dB LAeq 24 hr**

- ≤ 64 (Green)

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**Supporting Growth**  
**NoR 6 - Do Minimum**

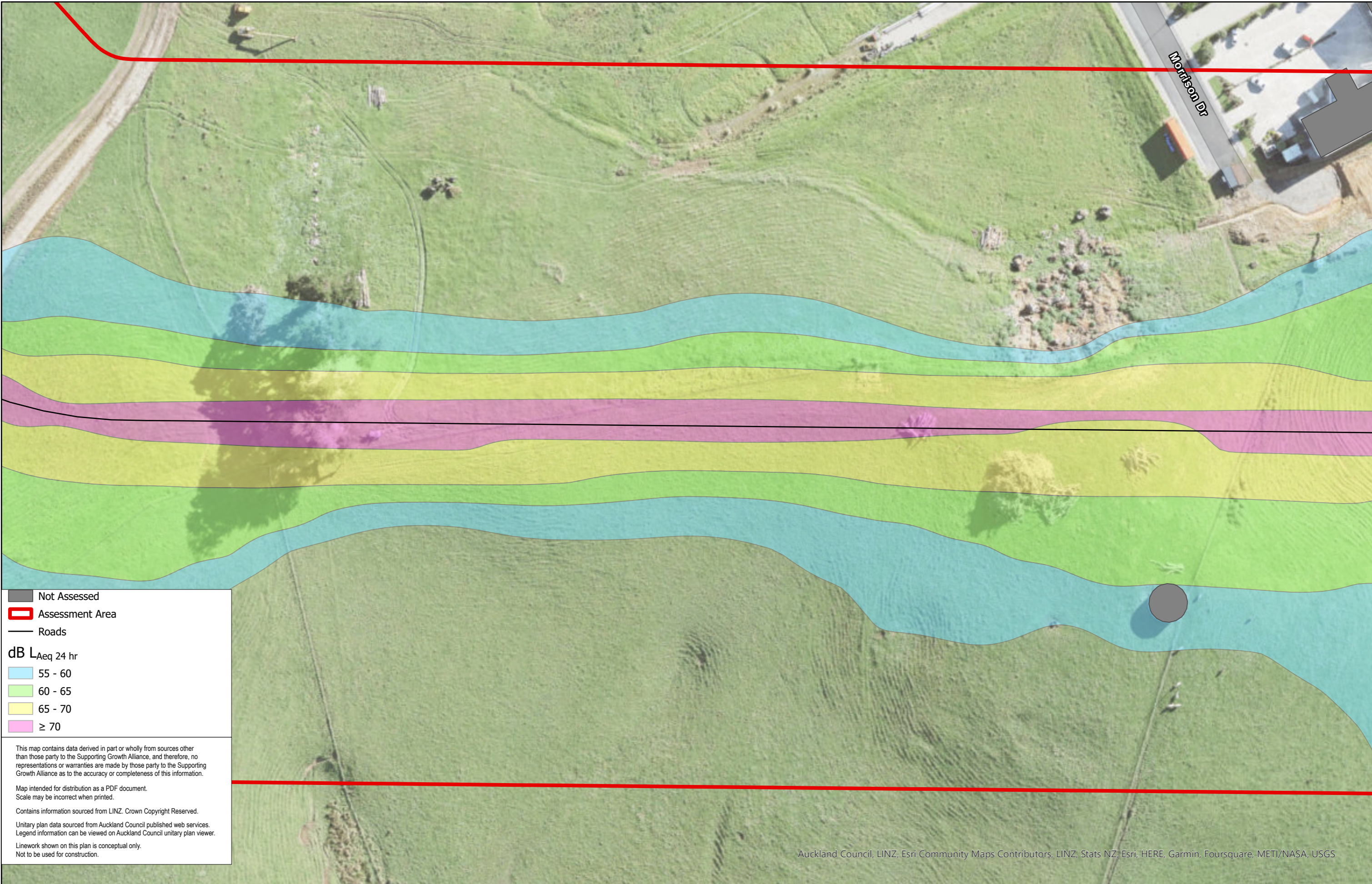
*Working Plans of Te Tupu Ngatahi.*  
*For the purpose of INTERNAL workshops (not for wider distribution)*

Client: **Supporting Growth**

Project: **Warkworth**

Discipline: **GIS**

Drawing No: **SGA-NV-NW-013**



Not Assessed  
 Assessment Area  
 Roads

**dB LAeq 24 hr**

- 55 - 60
- 60 - 65
- 65 - 70
- ≥ 70

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