



## **APPENDIX G, PART 2**

Vibration Envelopes  
(Heilig Partners)





## VOLUME 2



### Vibration Assessment MARTHA PROJECT - ENVELOPES

Prepared By:

**Heilig & Partners Pty. Ltd.**

**June, 2018**

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*Heilig & Partners Pty Ltd*  
P.O. Box 1176  
Mount Ommaney. QLD 4074  
Telephone: +61 7 3715 7599  
Facsimile: +61 7 3715 7588  
Email: group@heiligandpartners.com.au

*Project Details:*

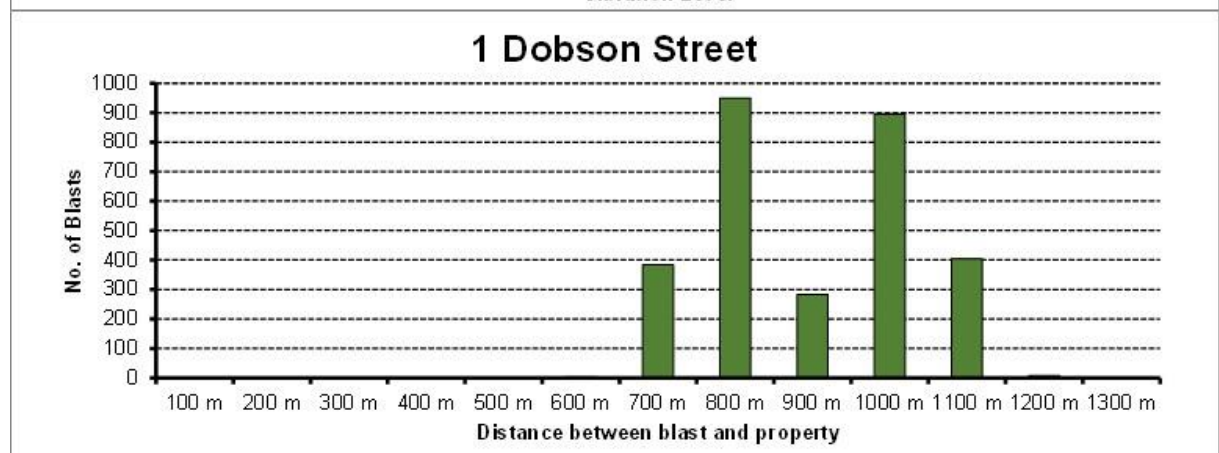
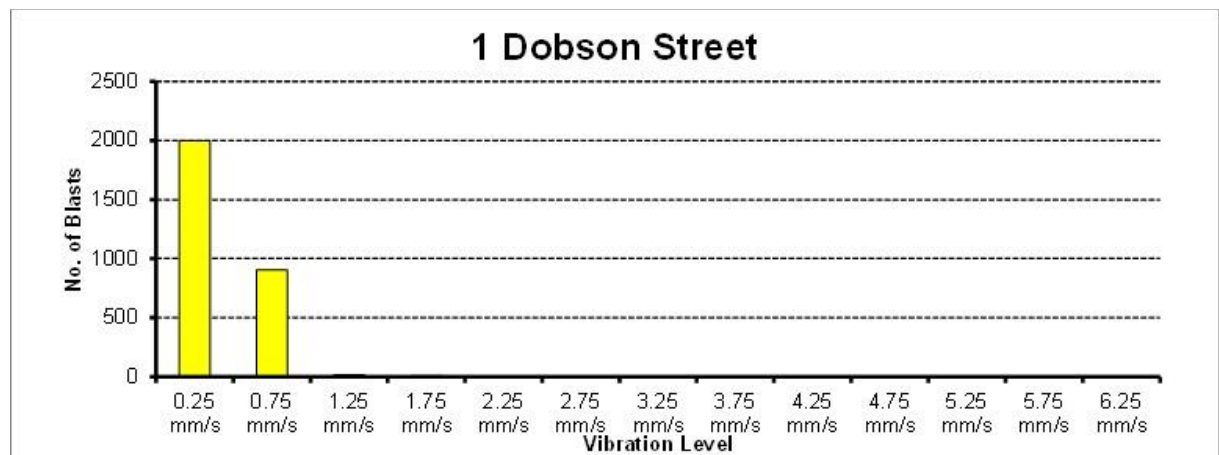
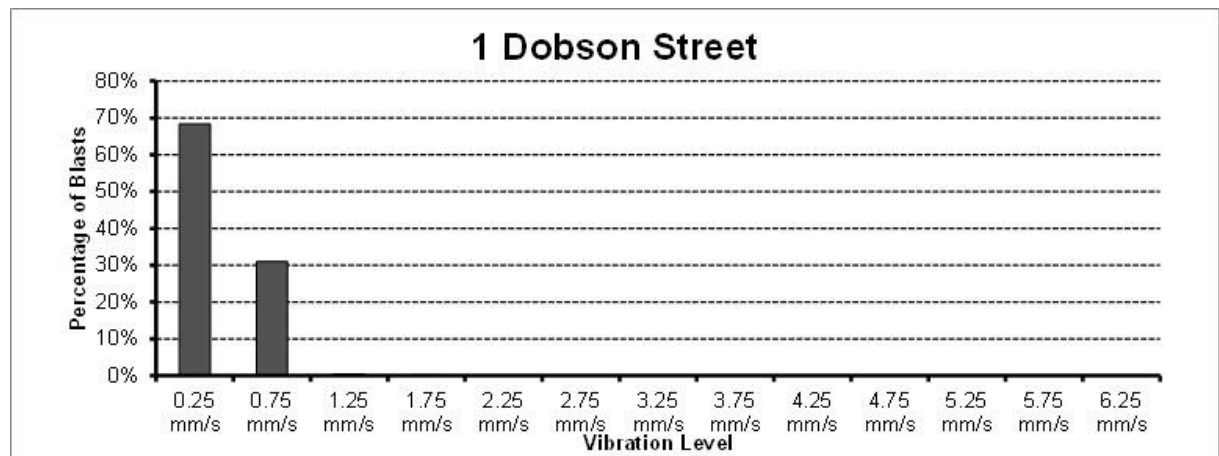
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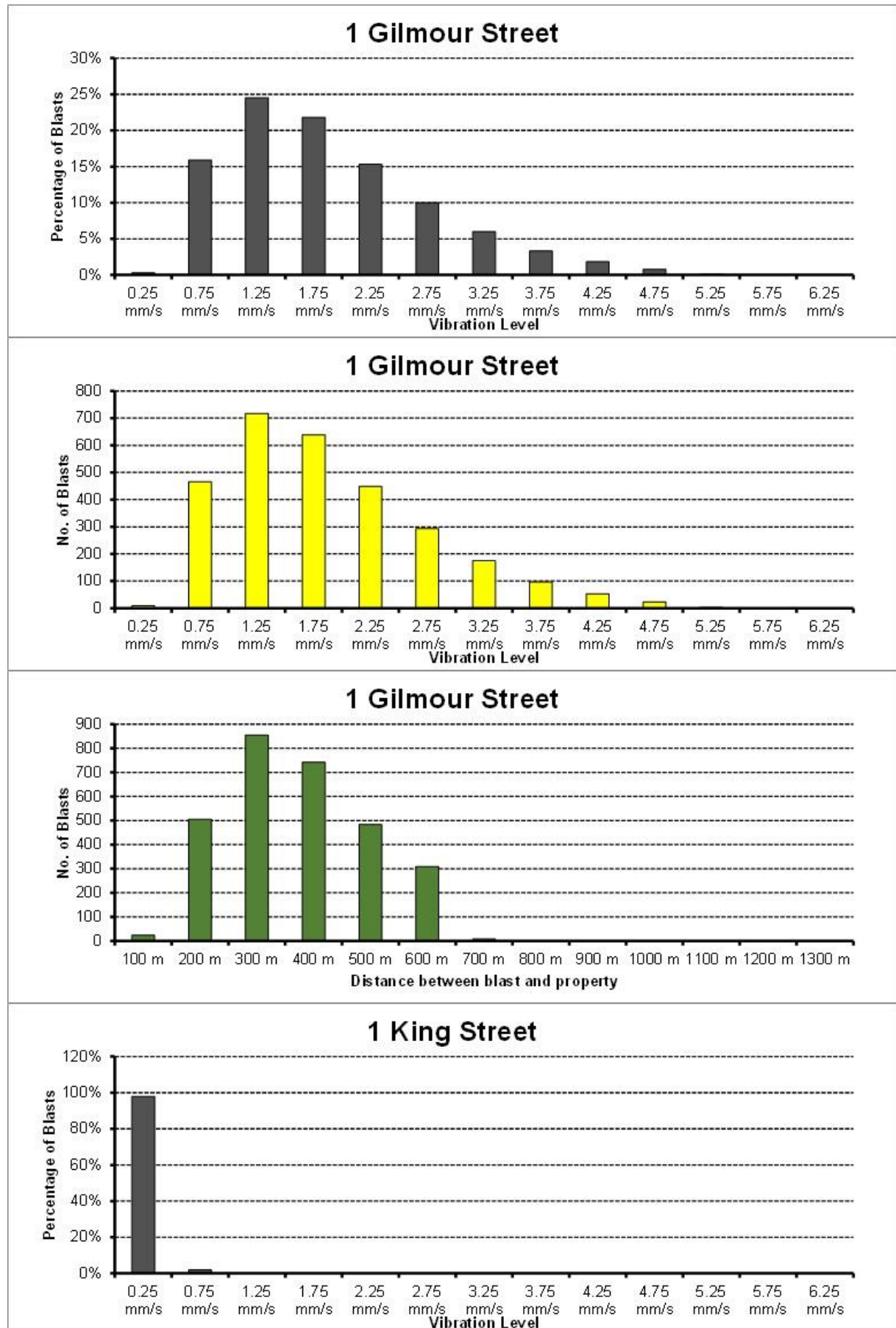
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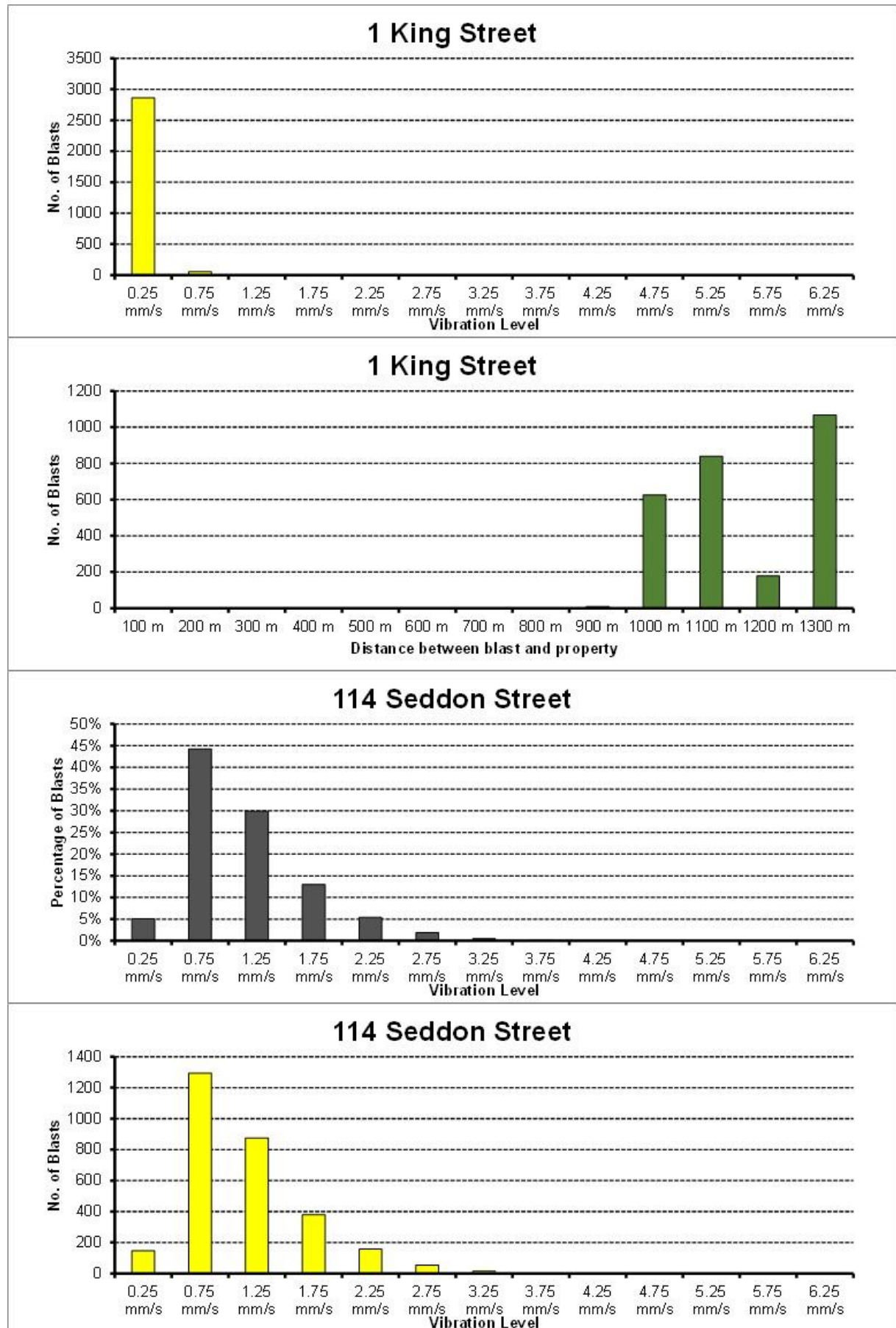
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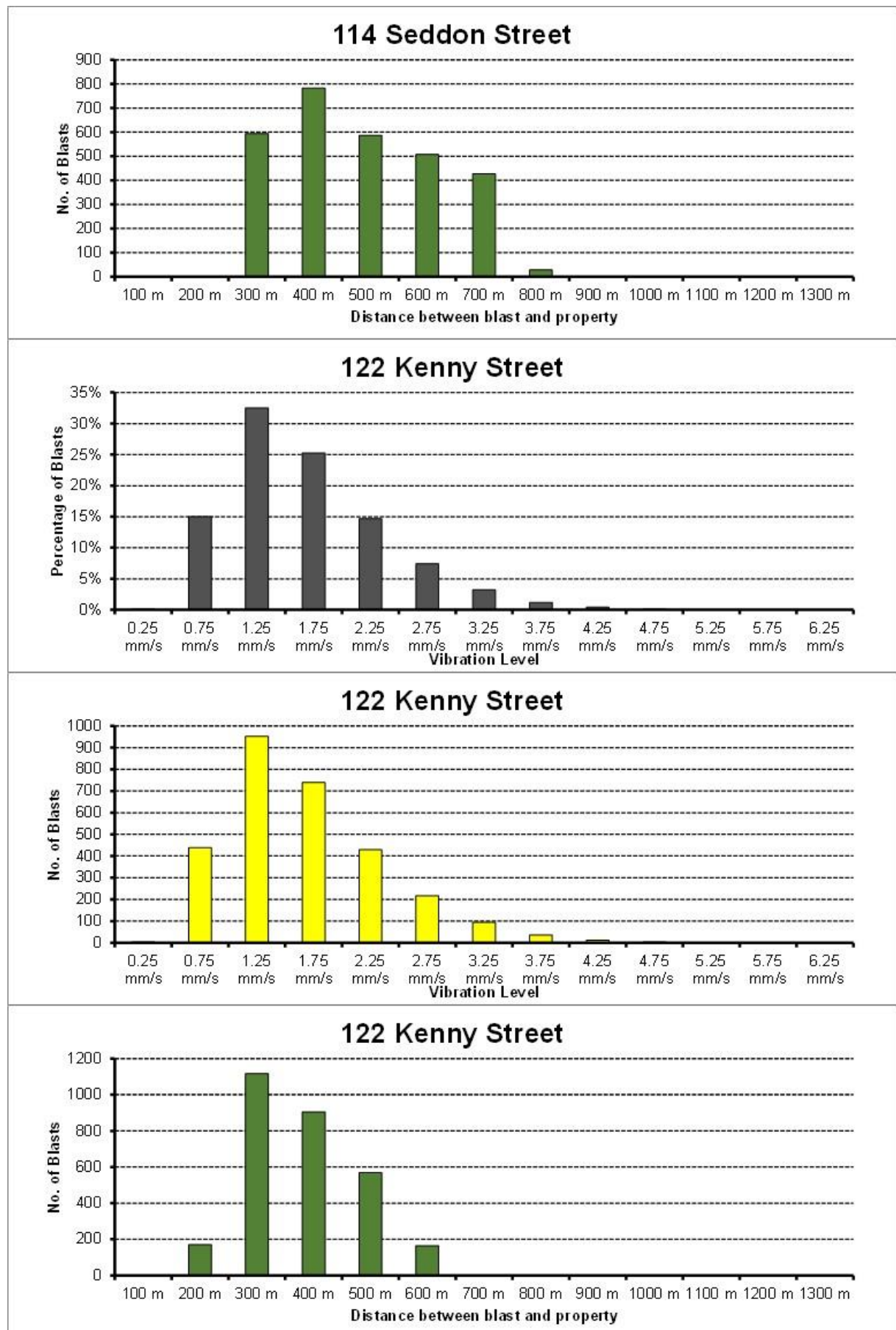
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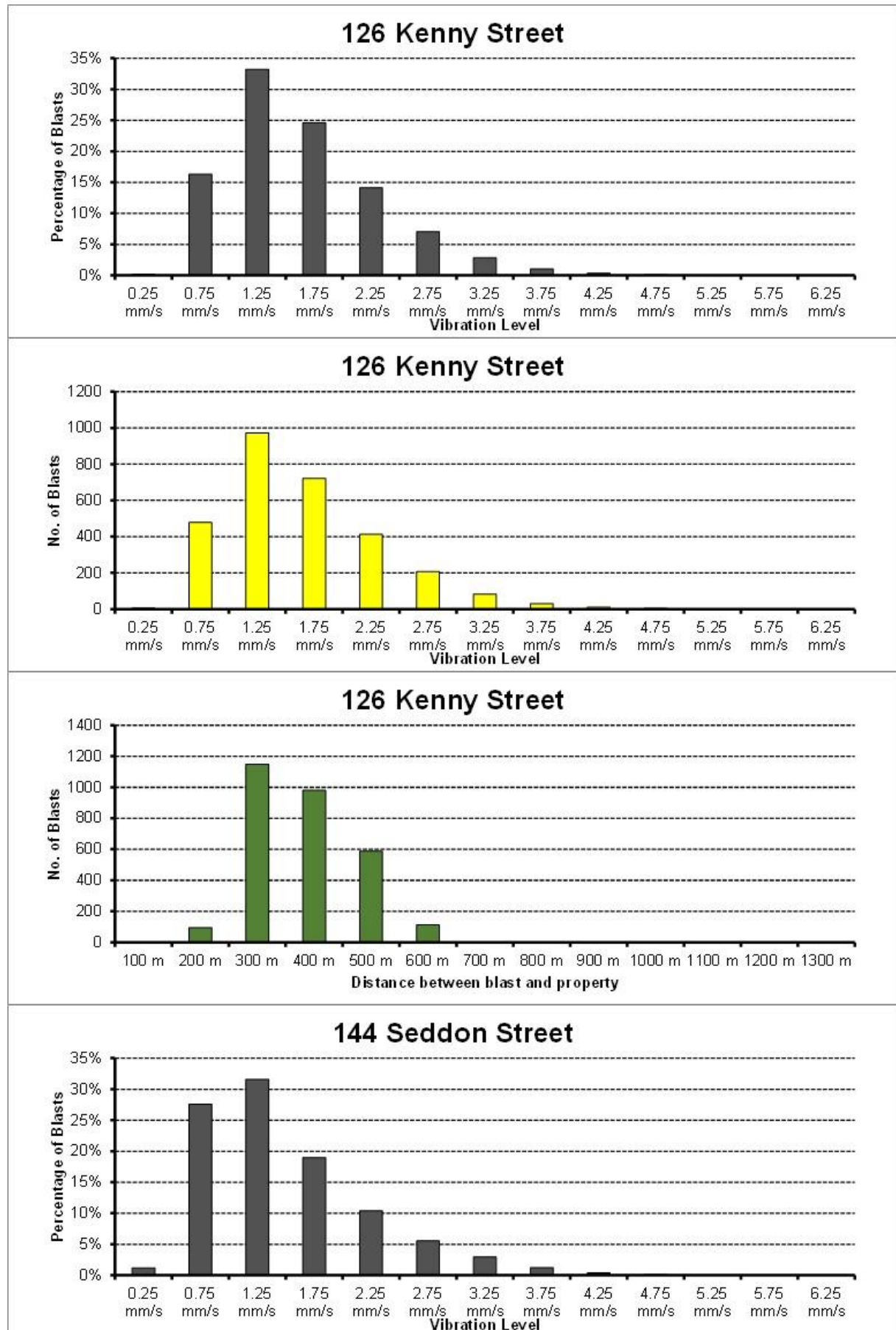


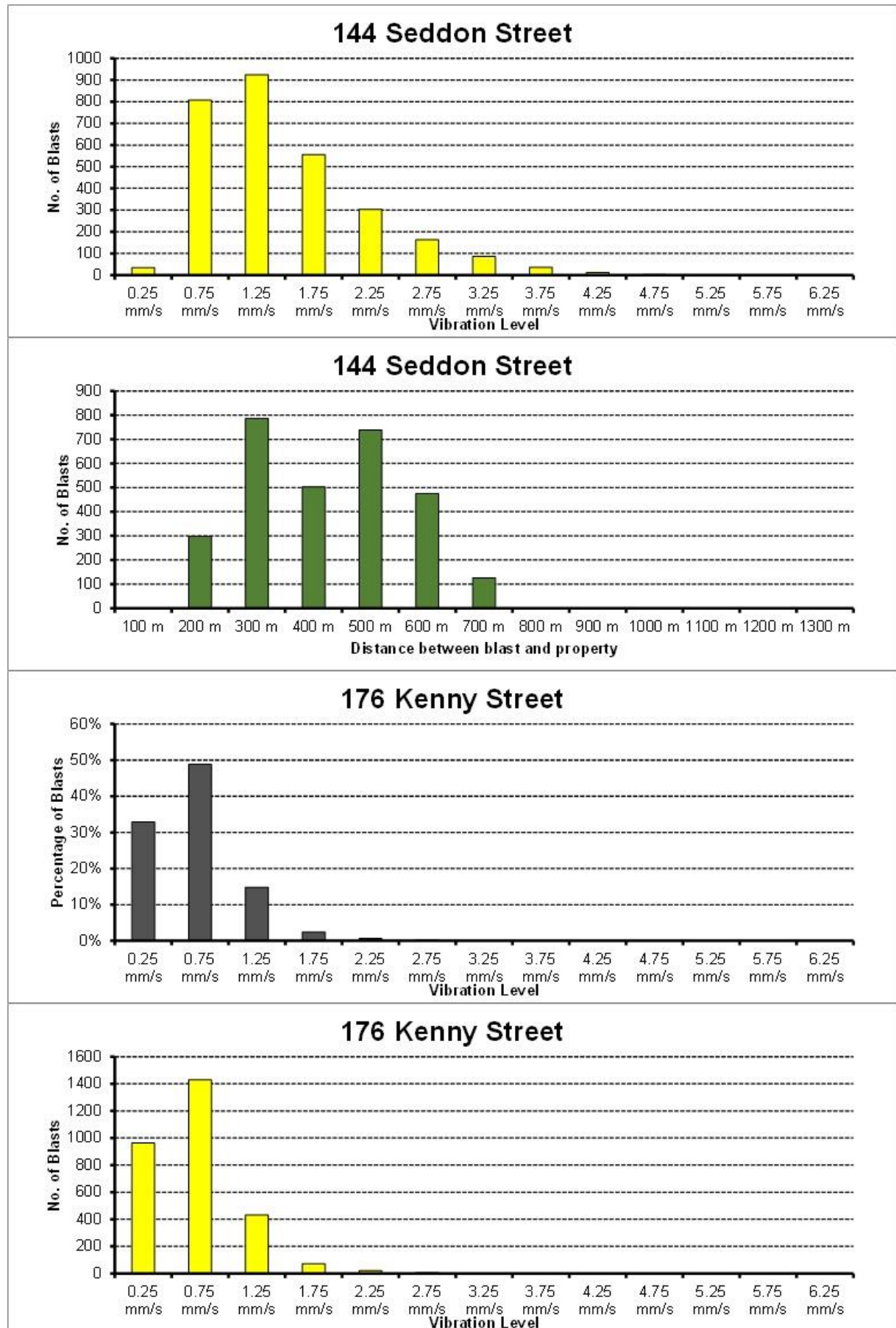




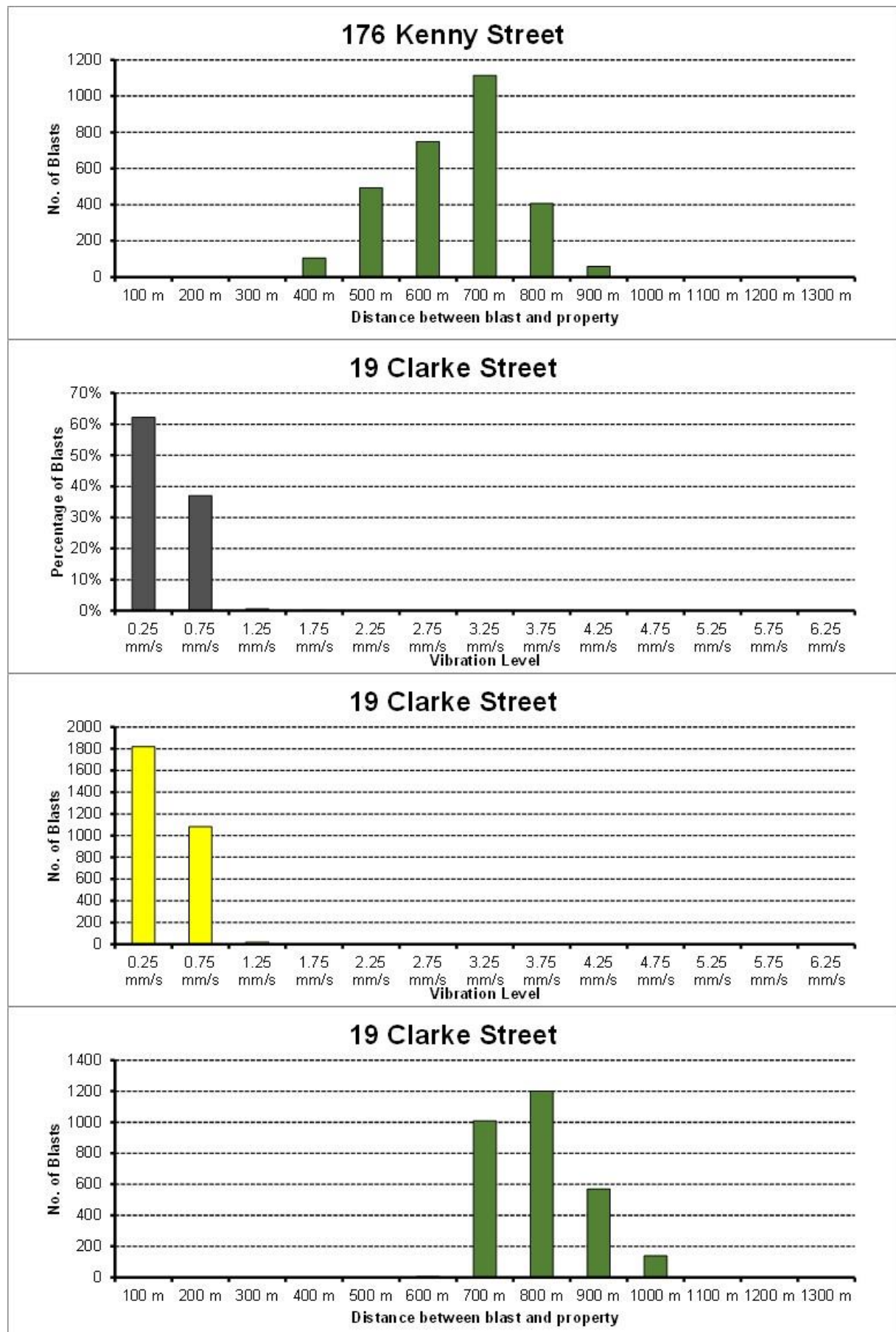


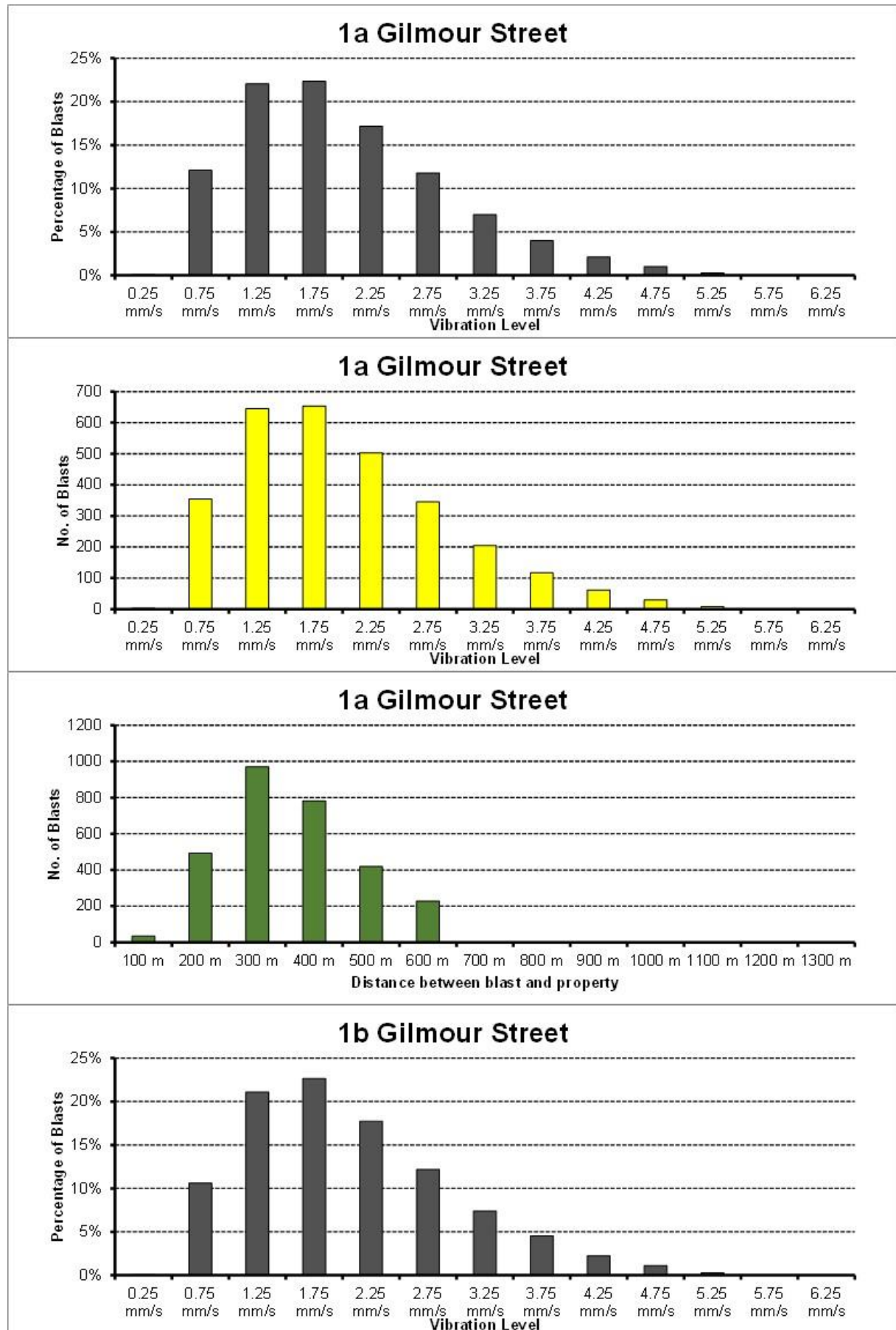


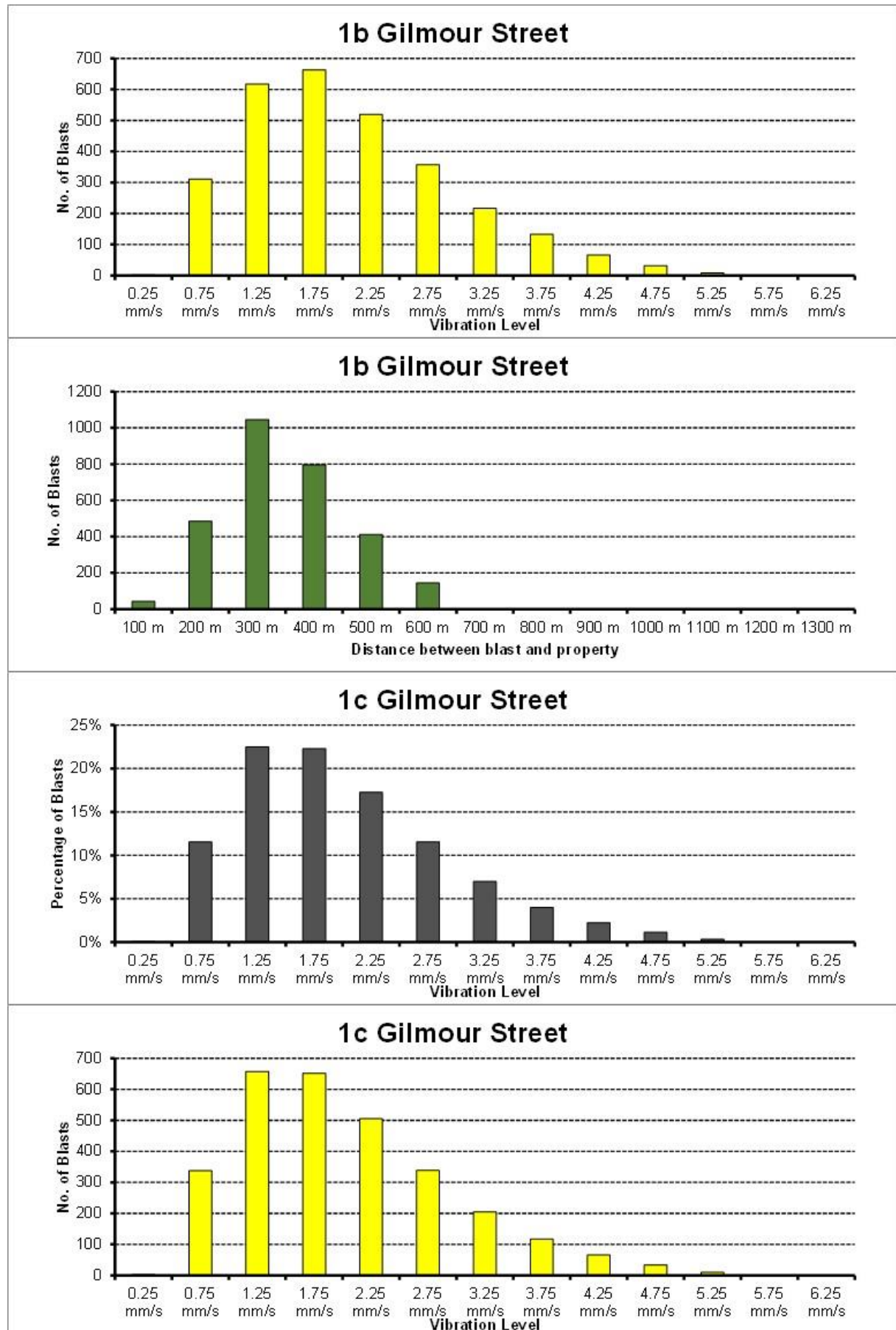




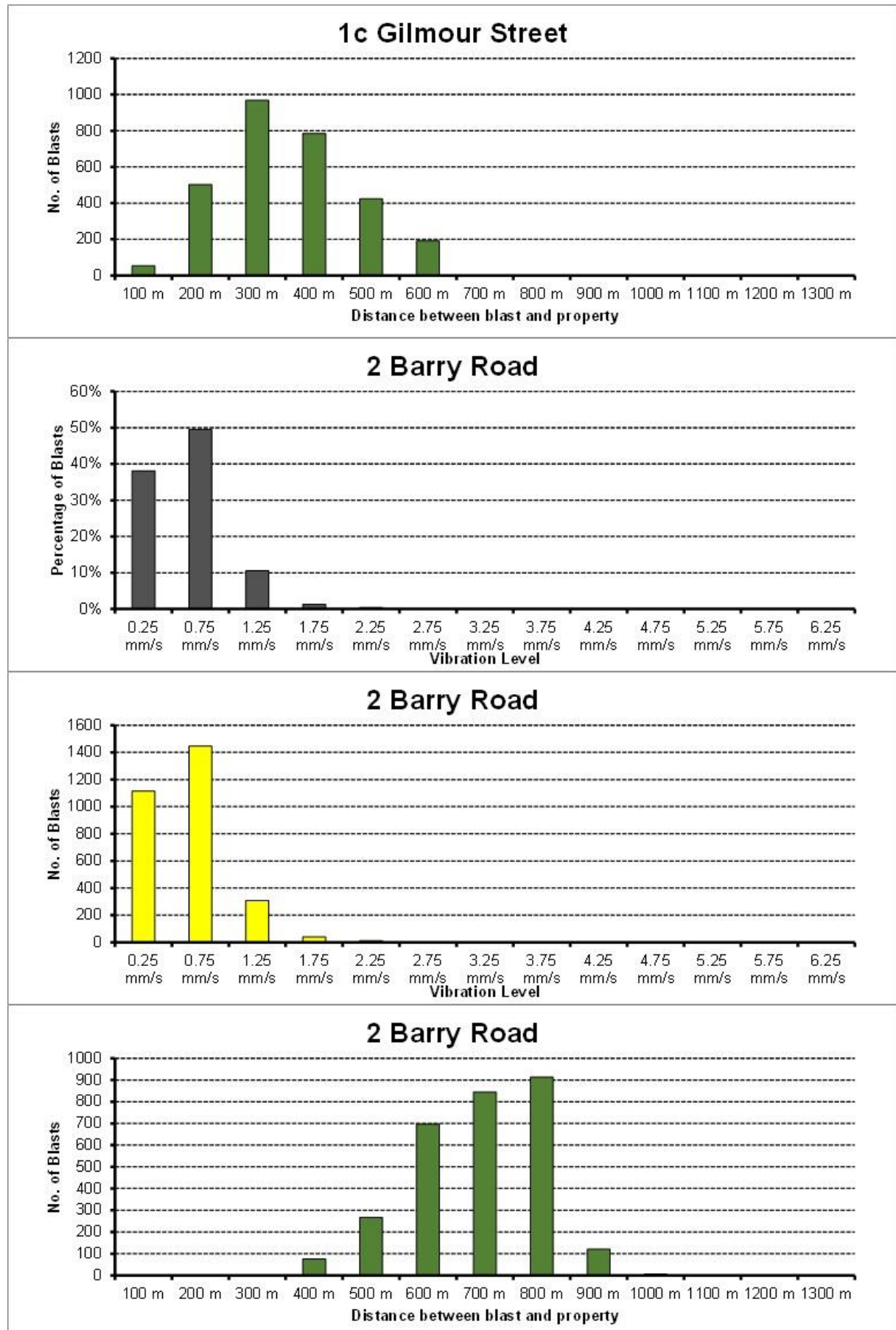


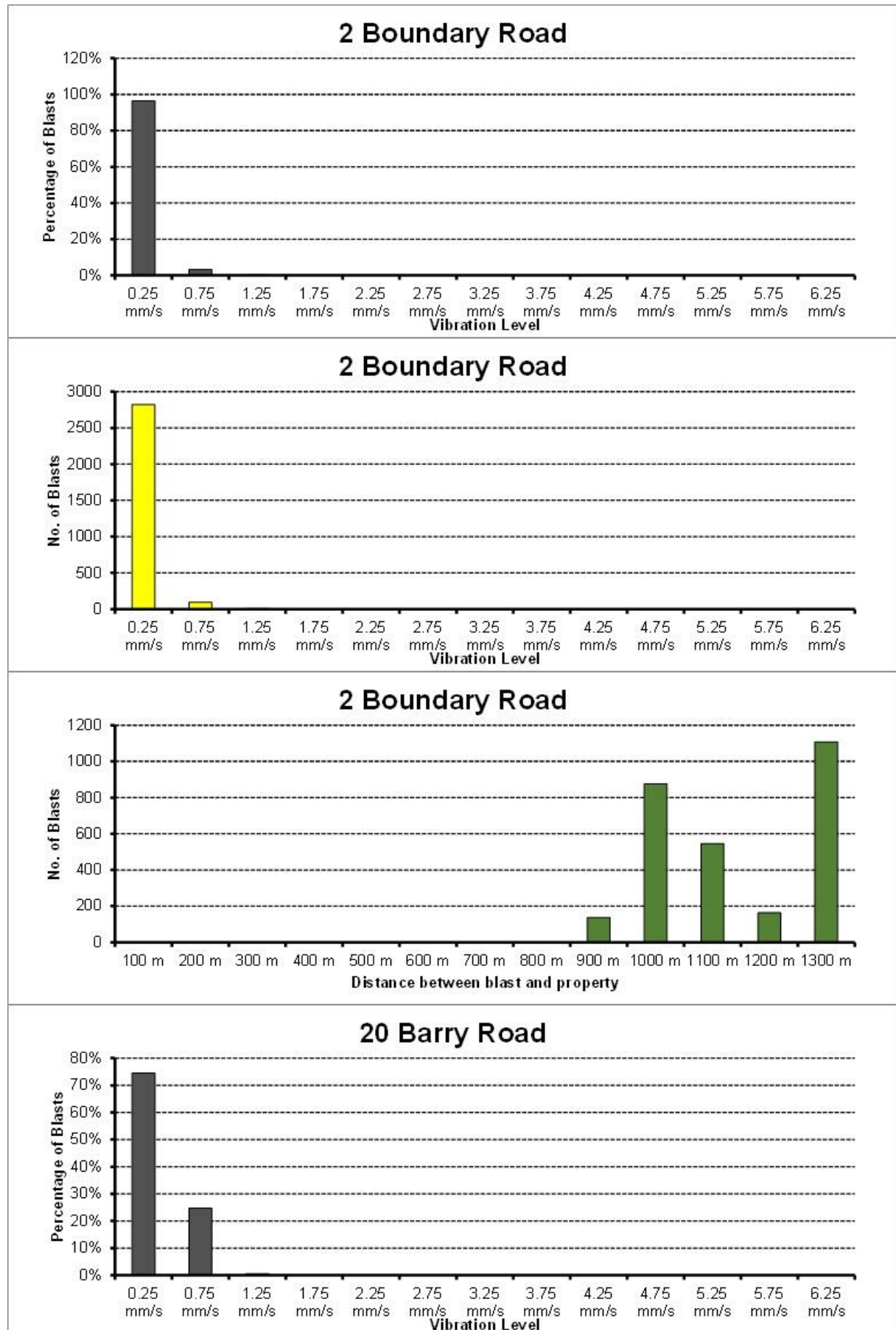


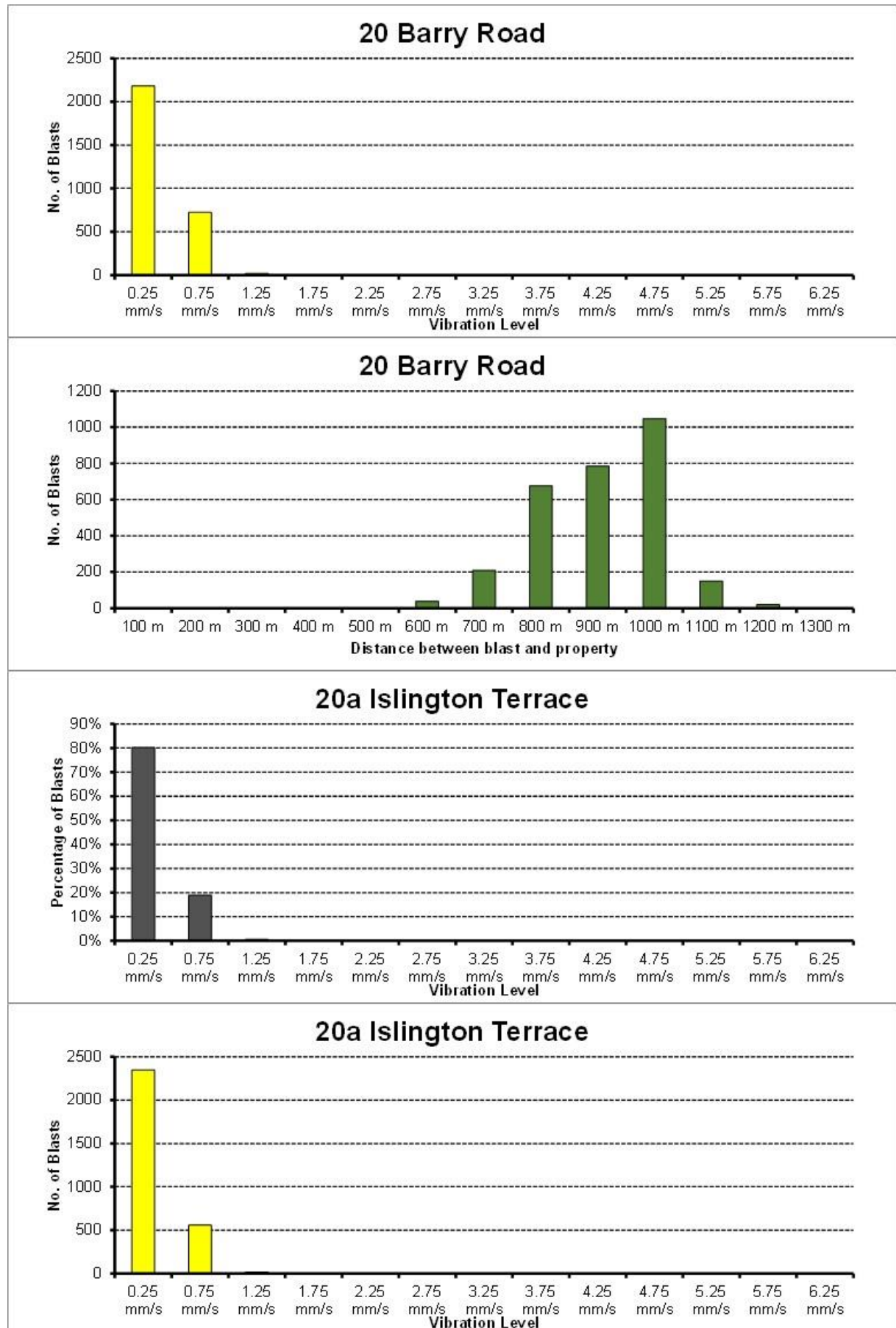




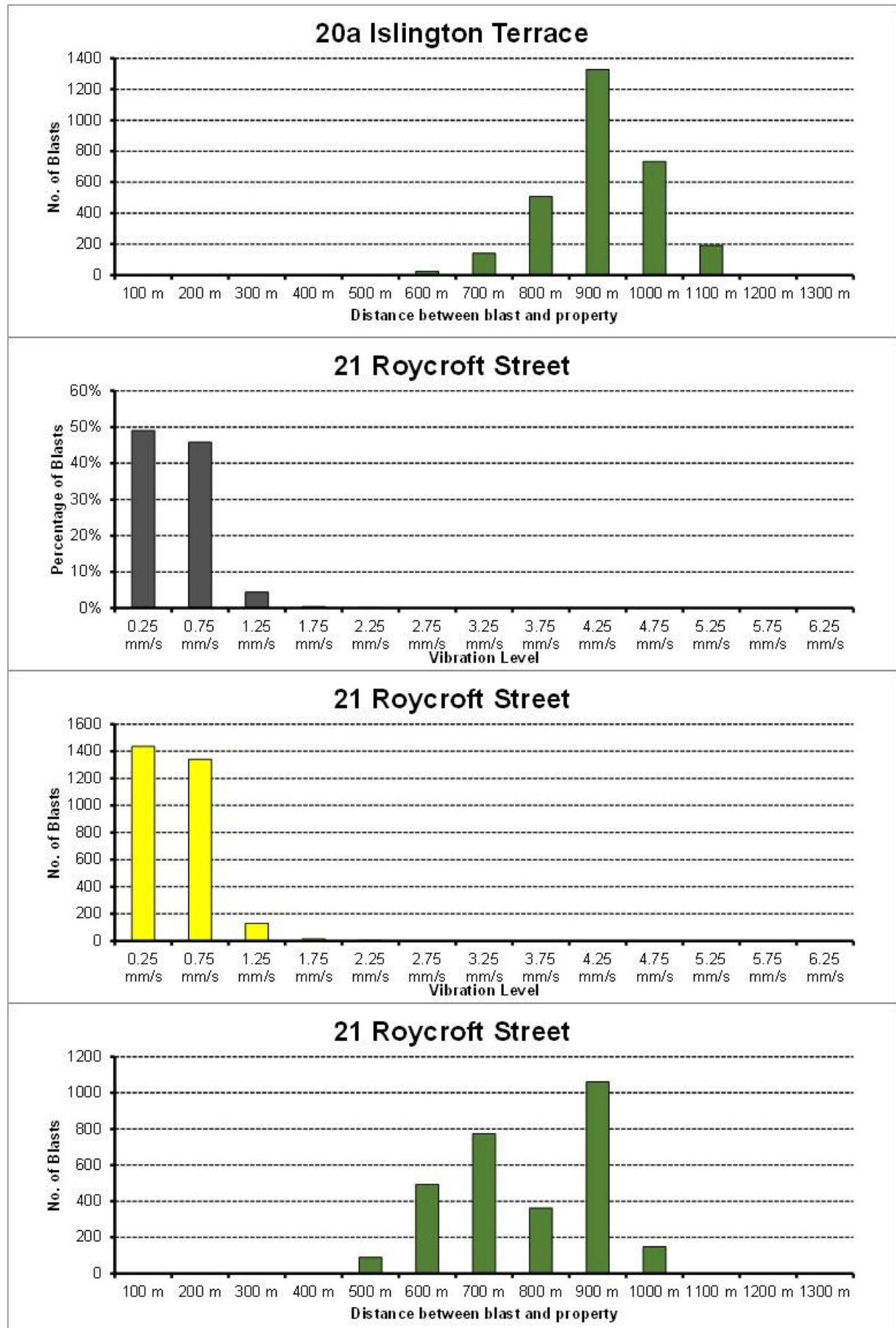


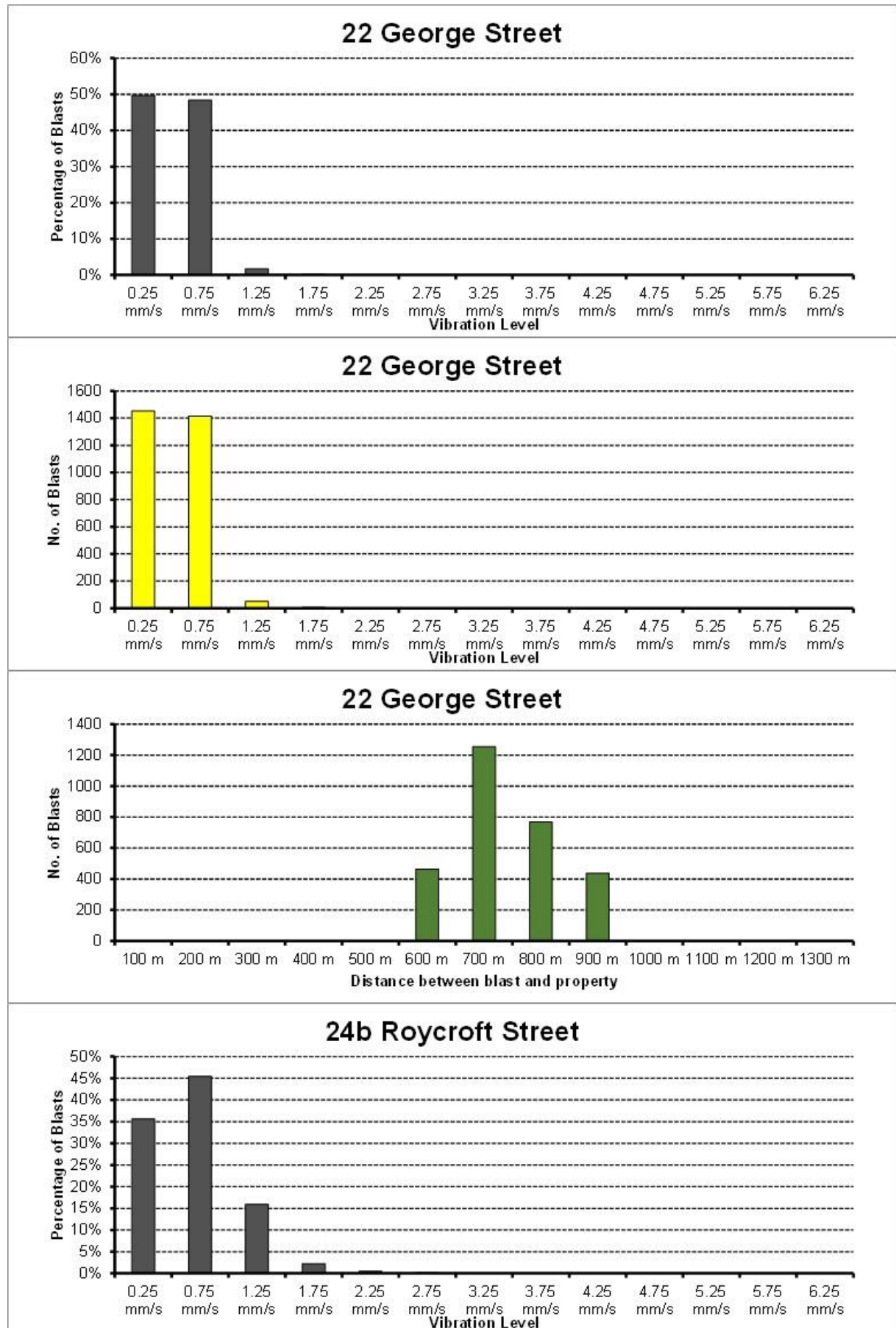




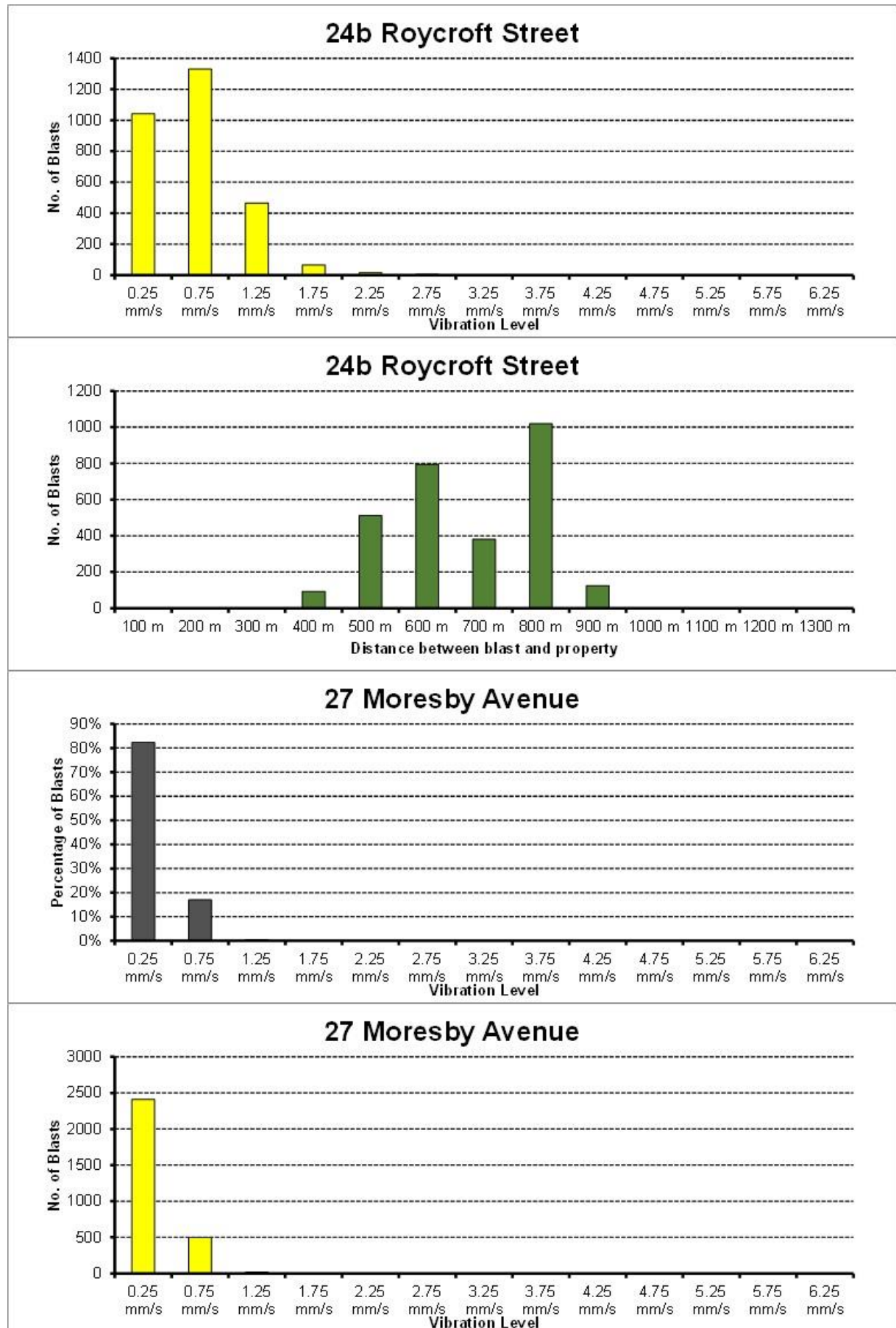


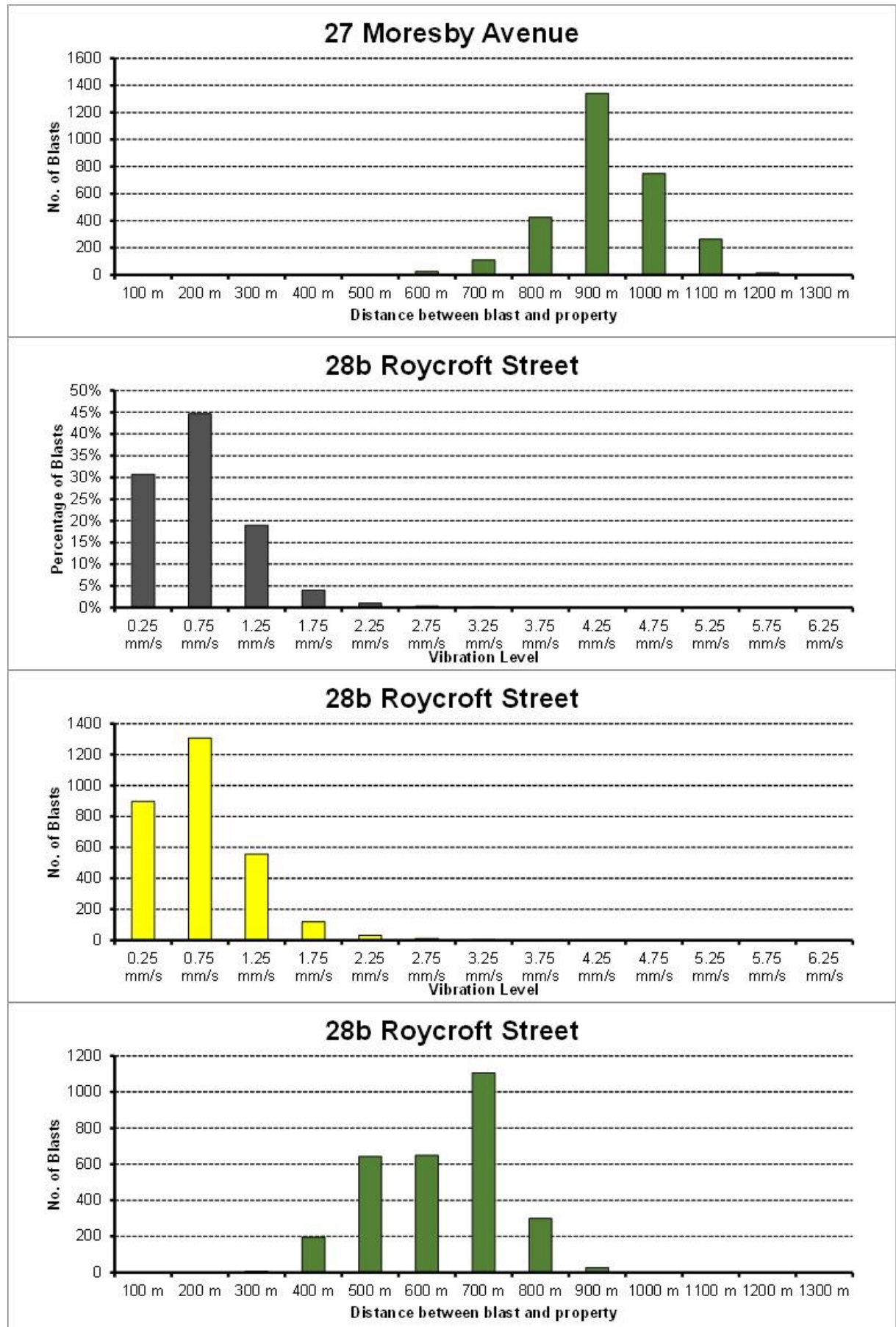


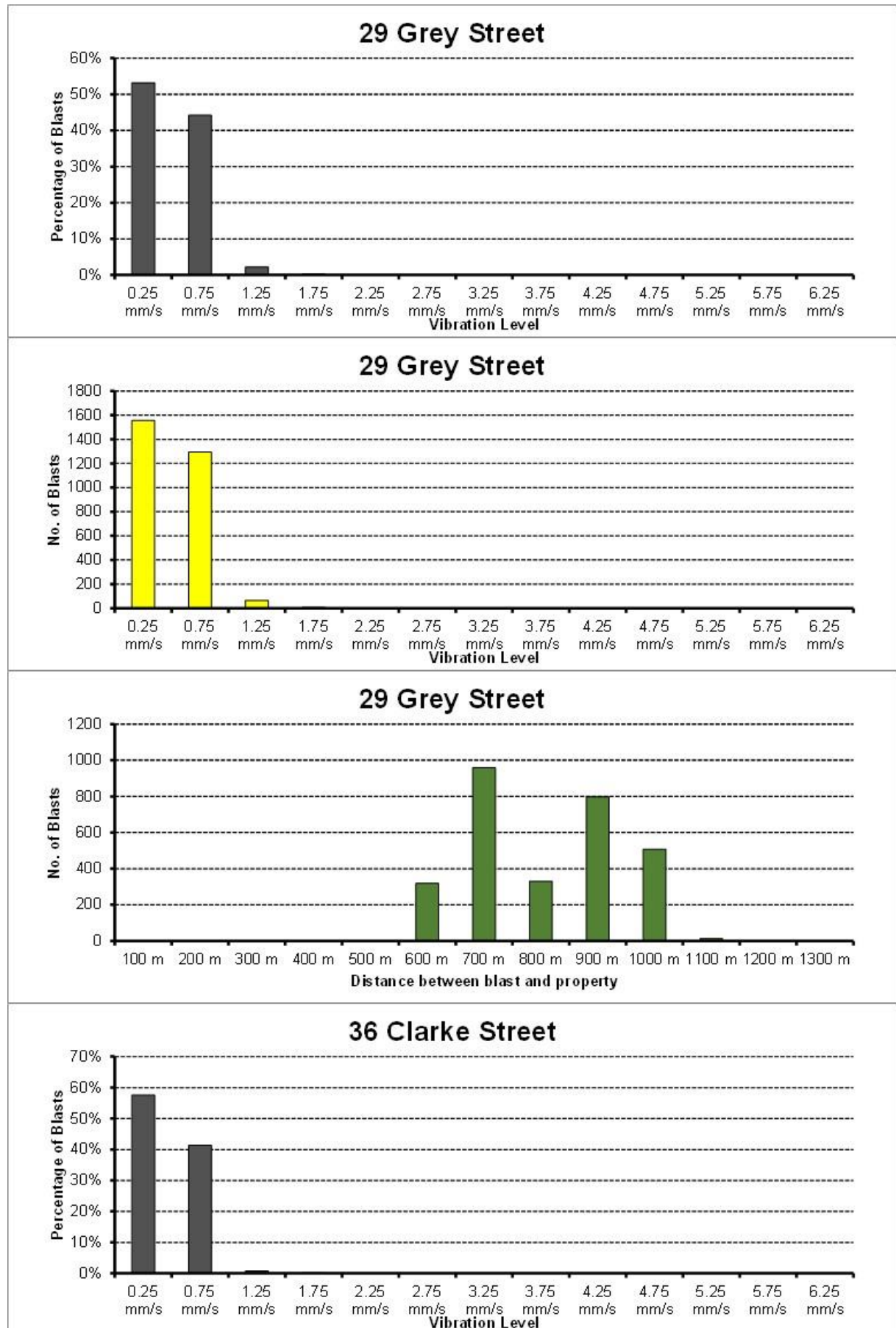




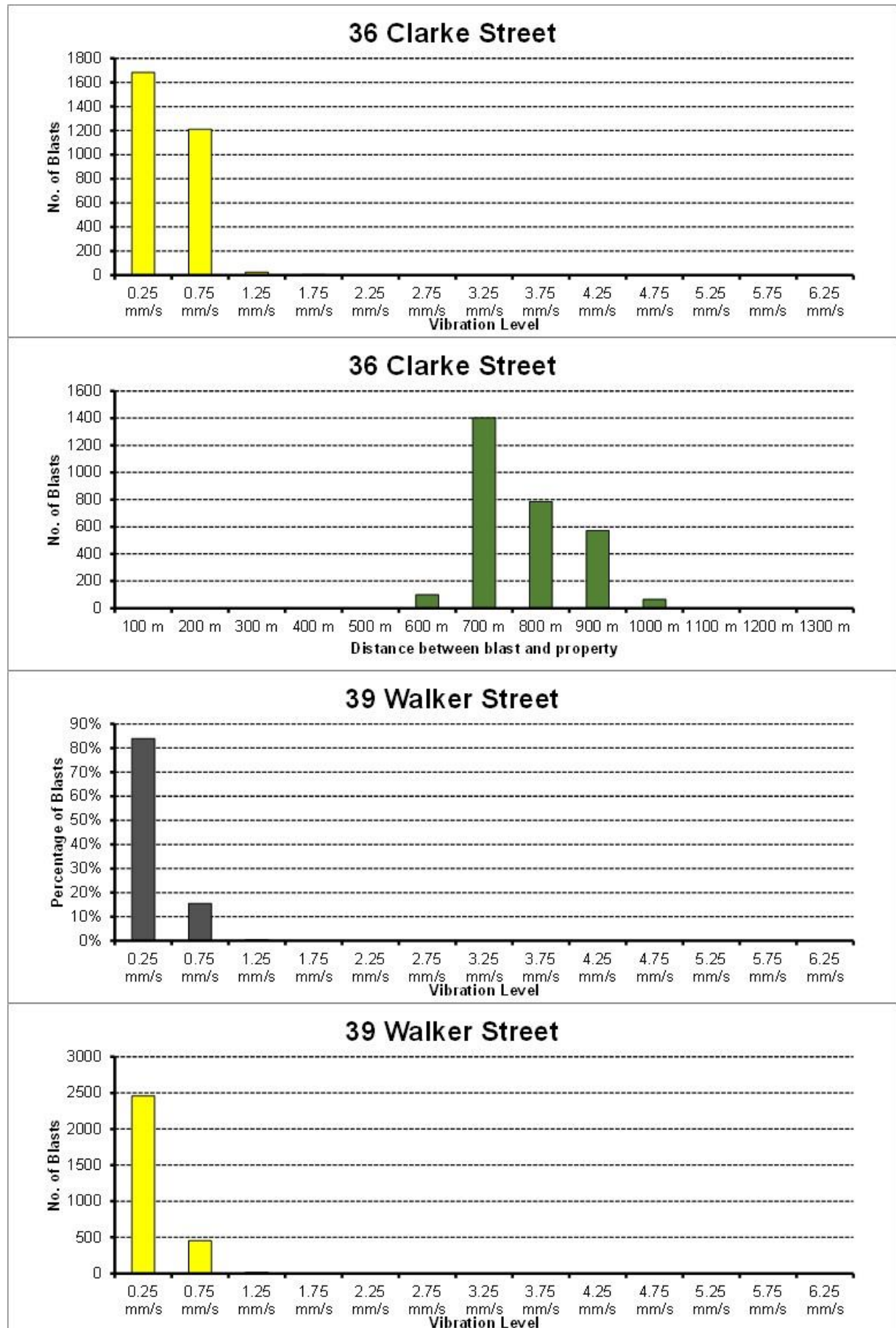


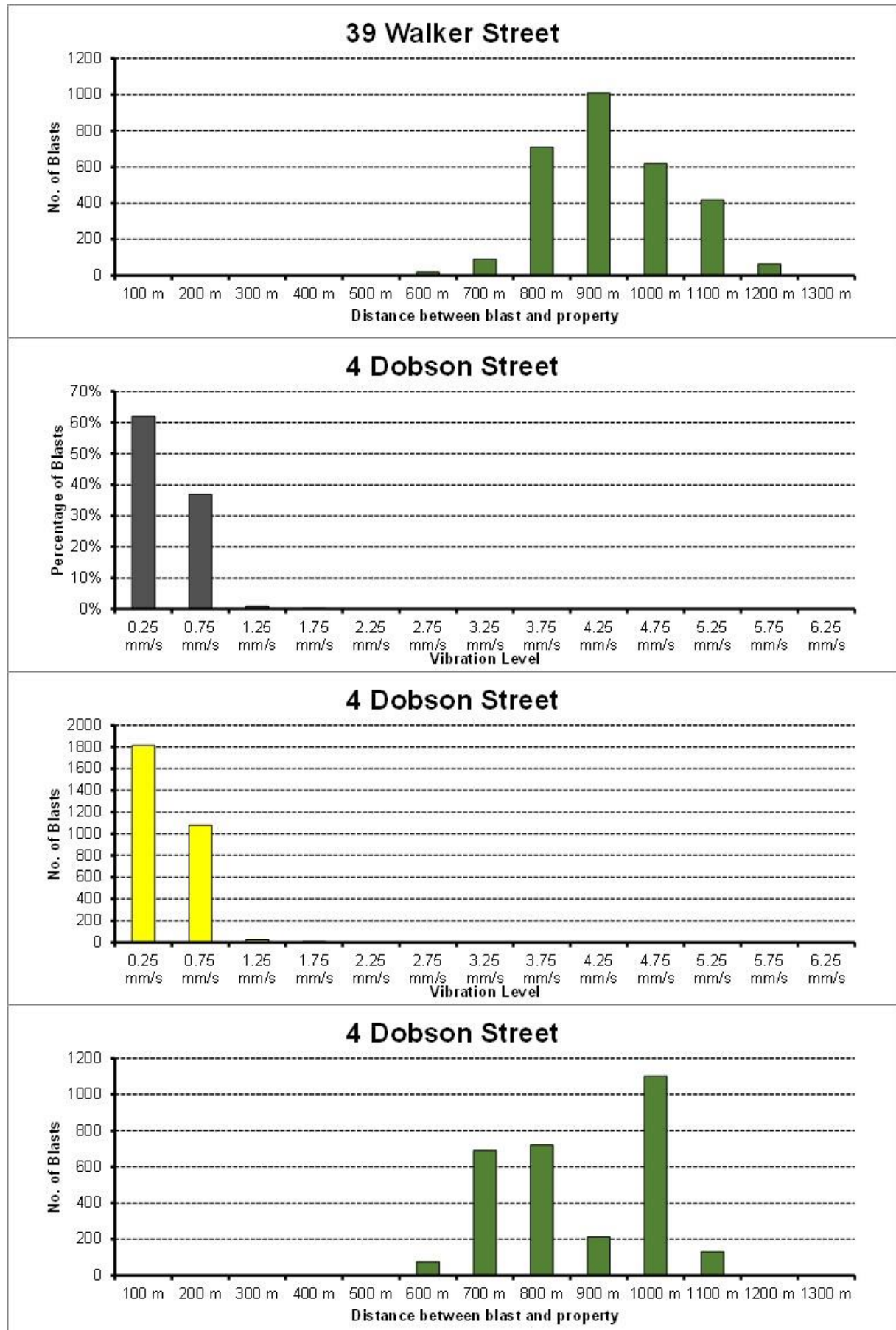


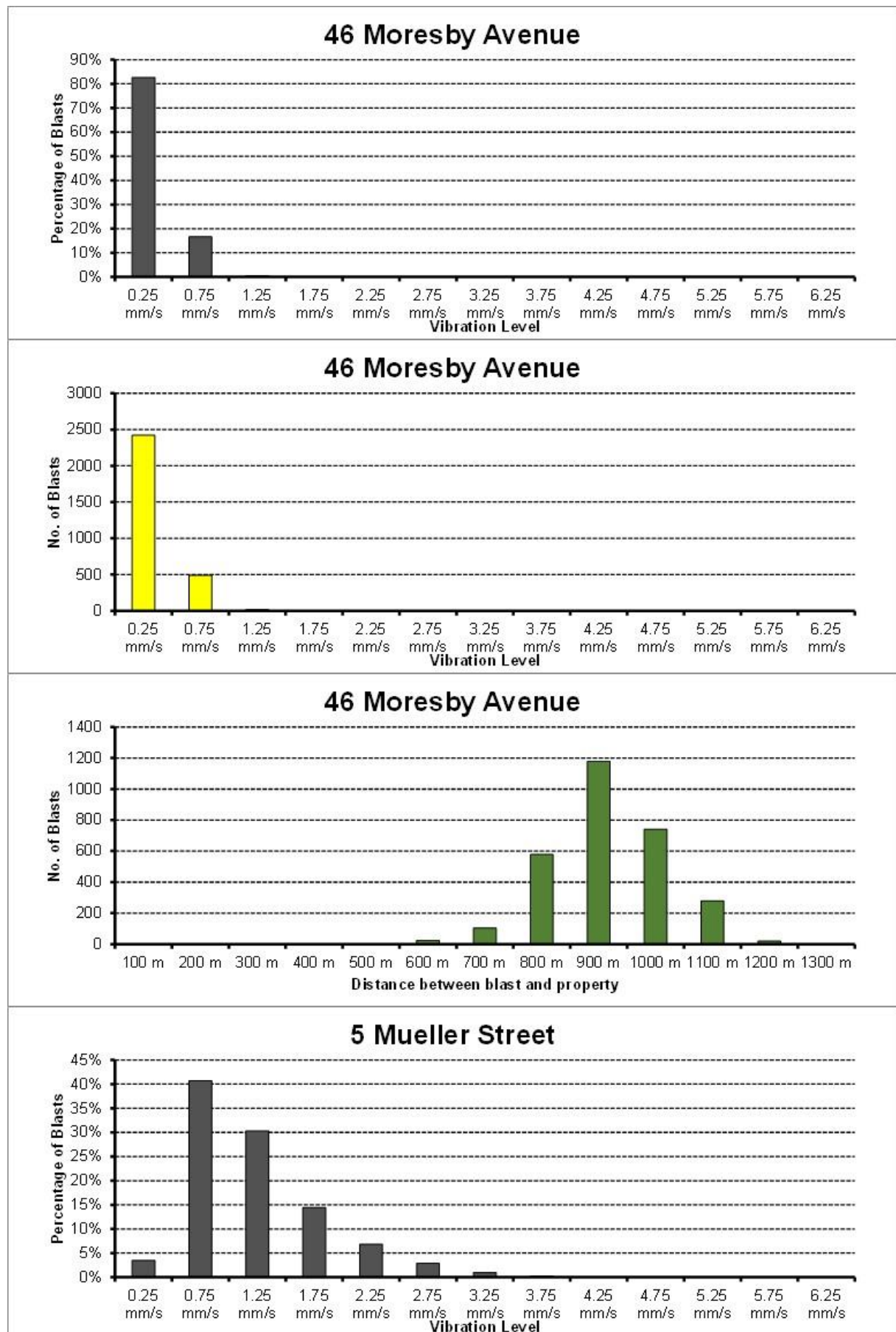






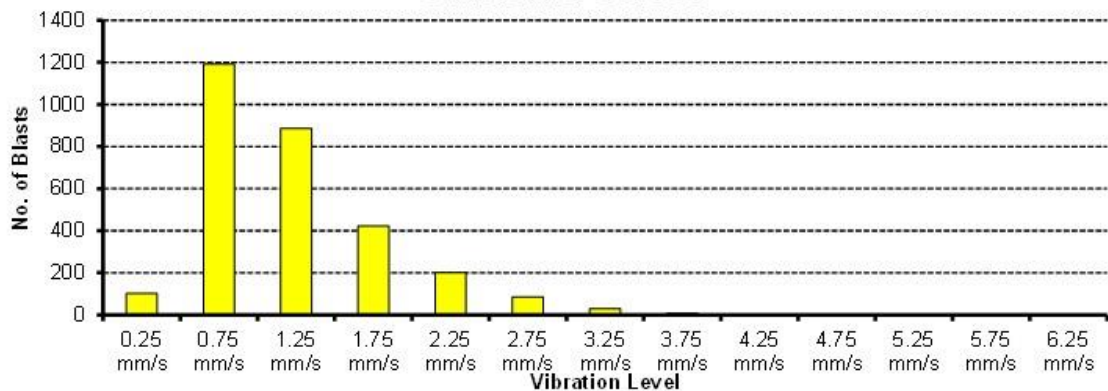




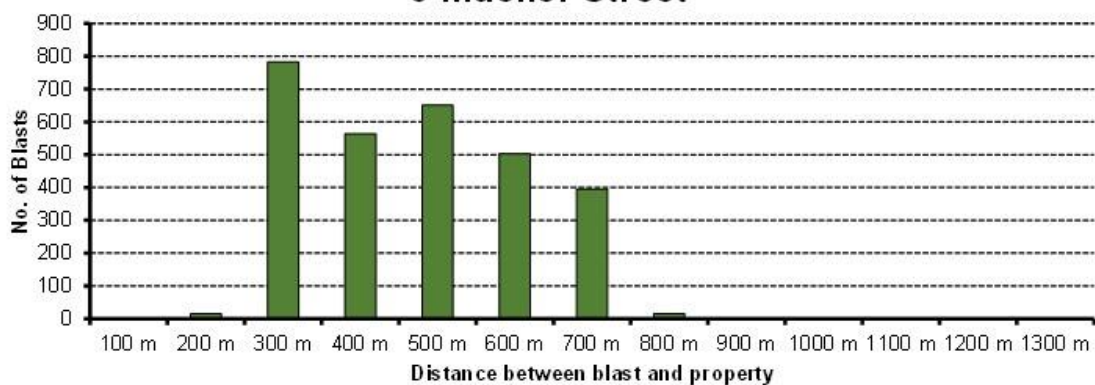




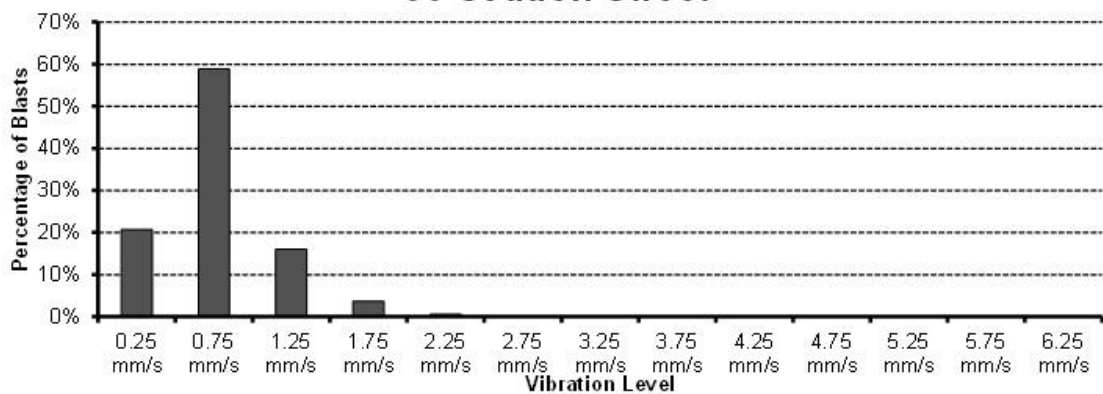
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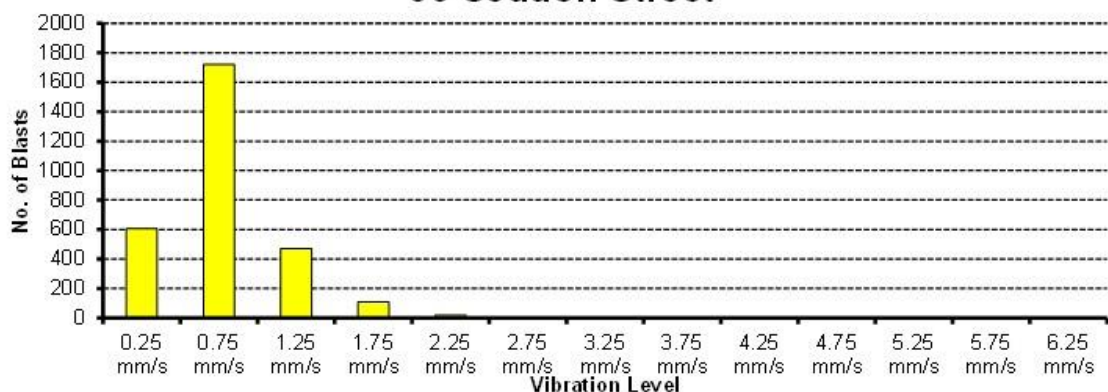
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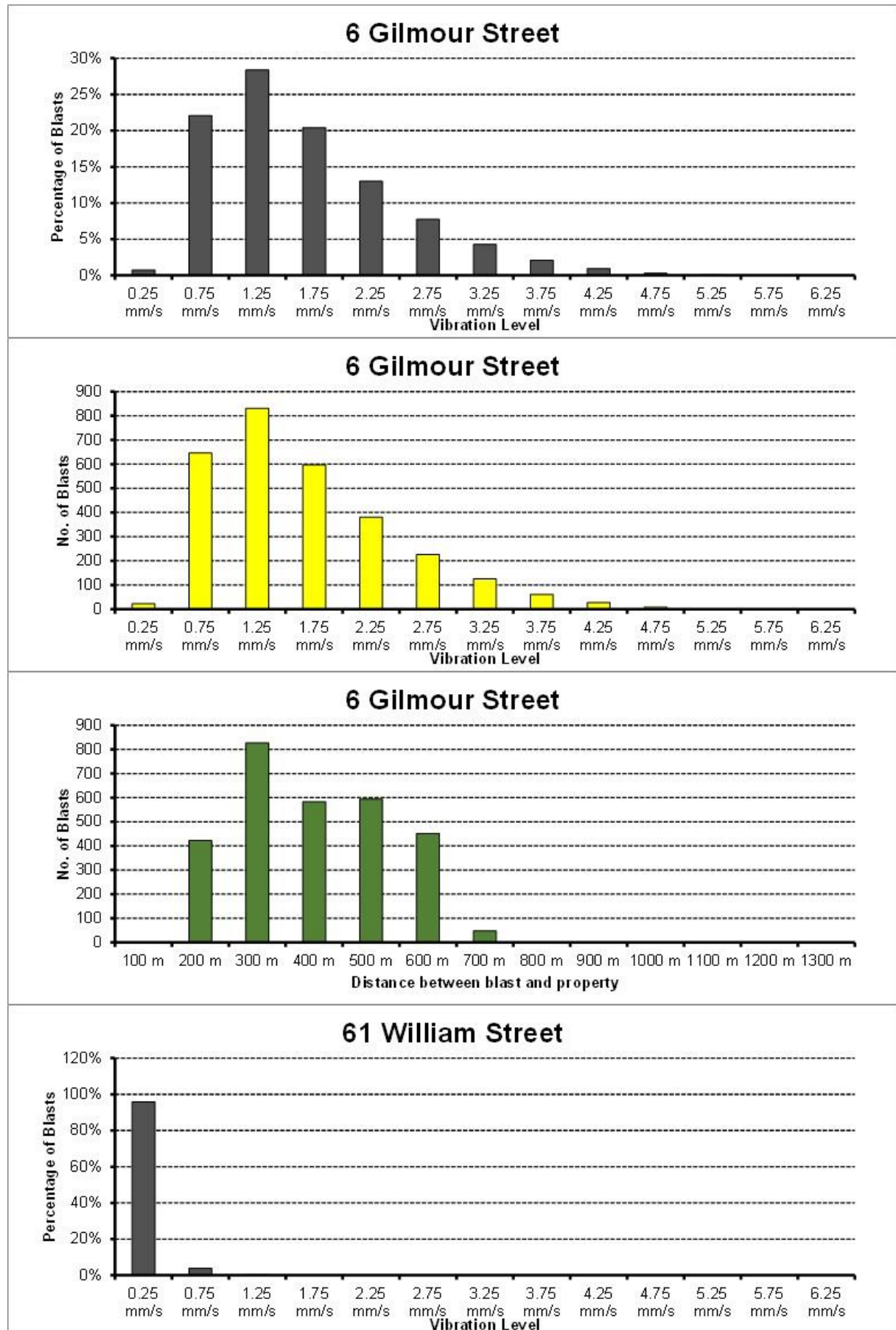


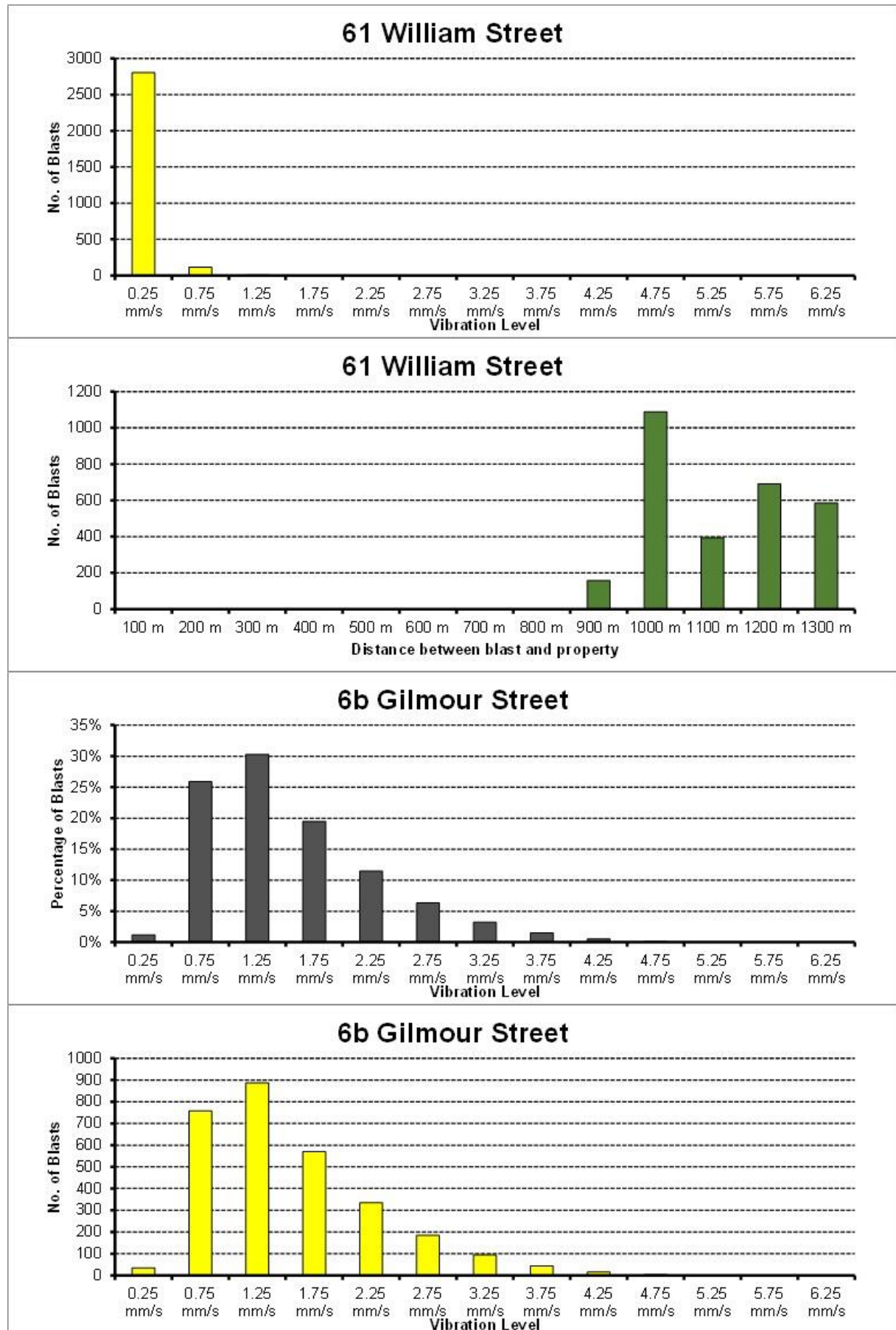
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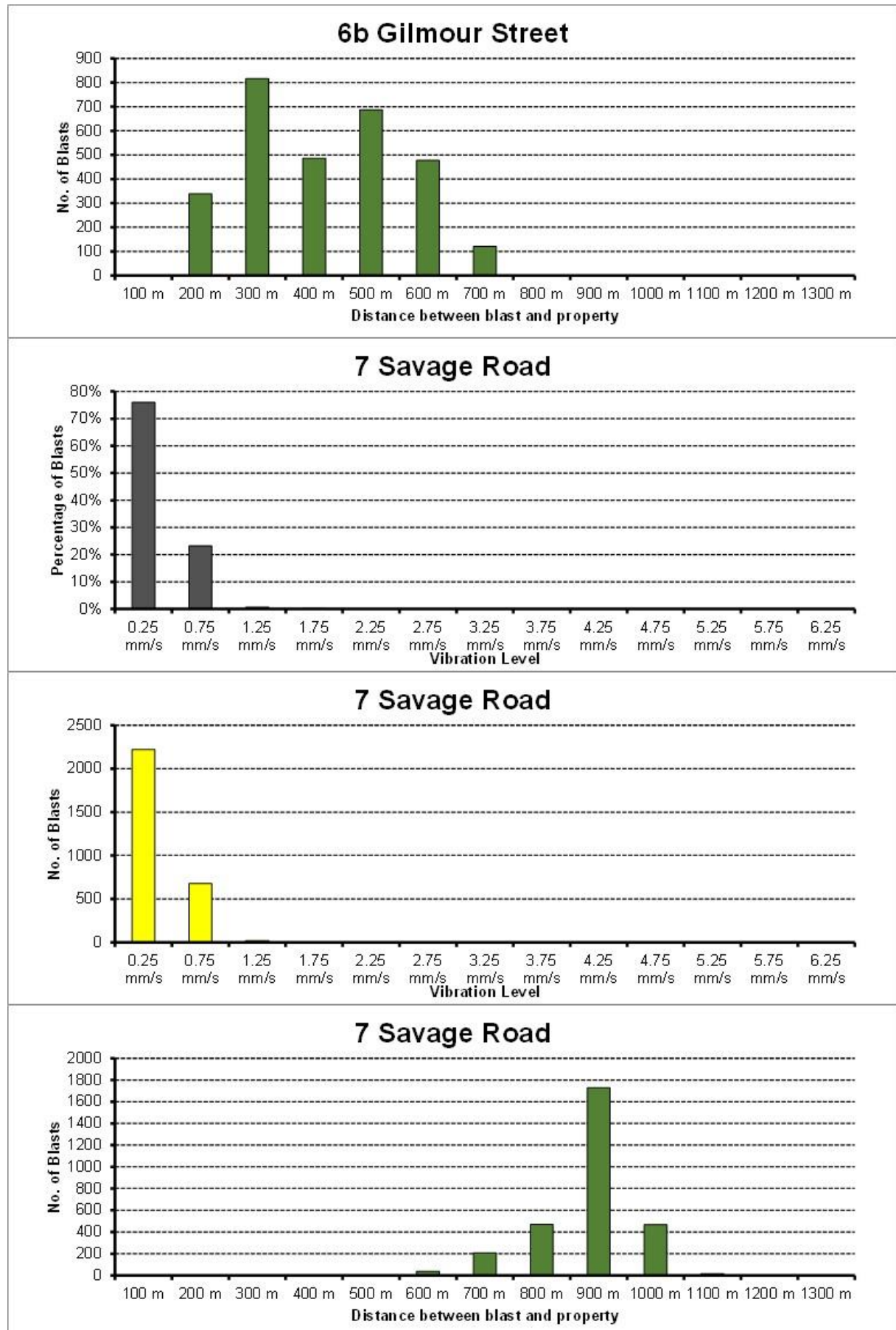








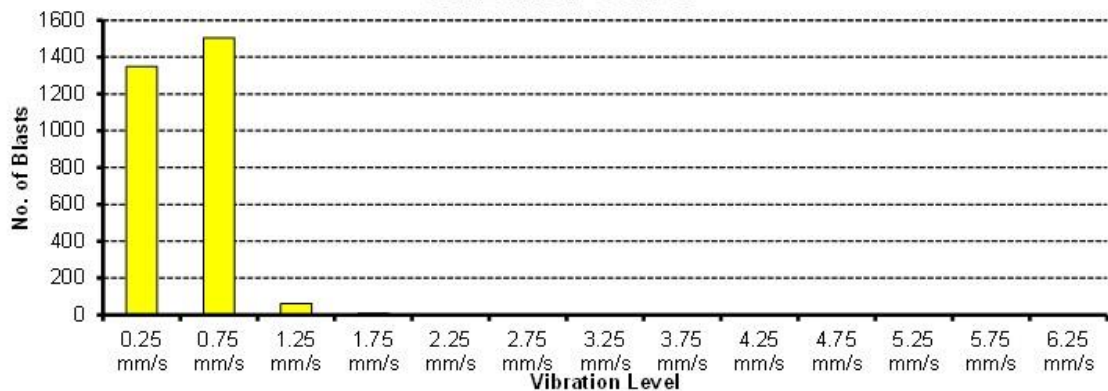




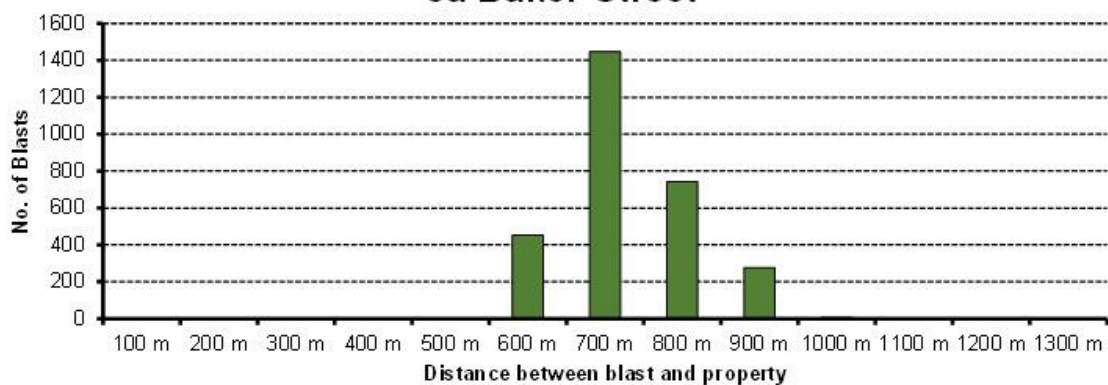




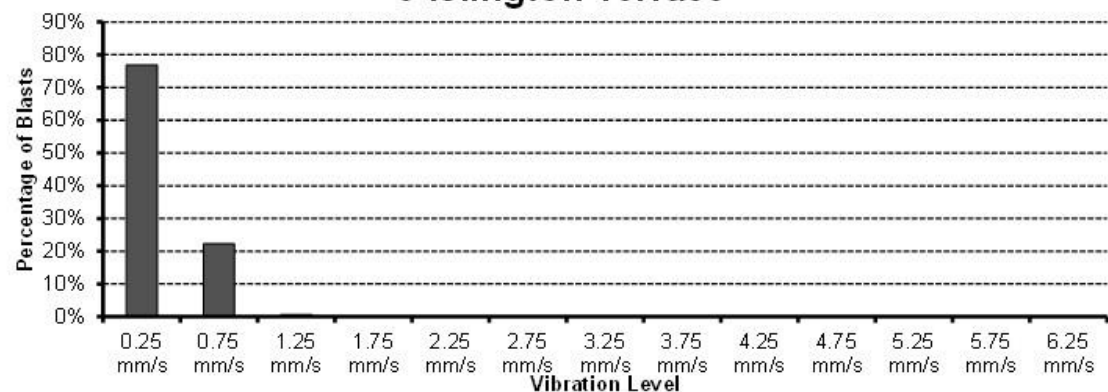
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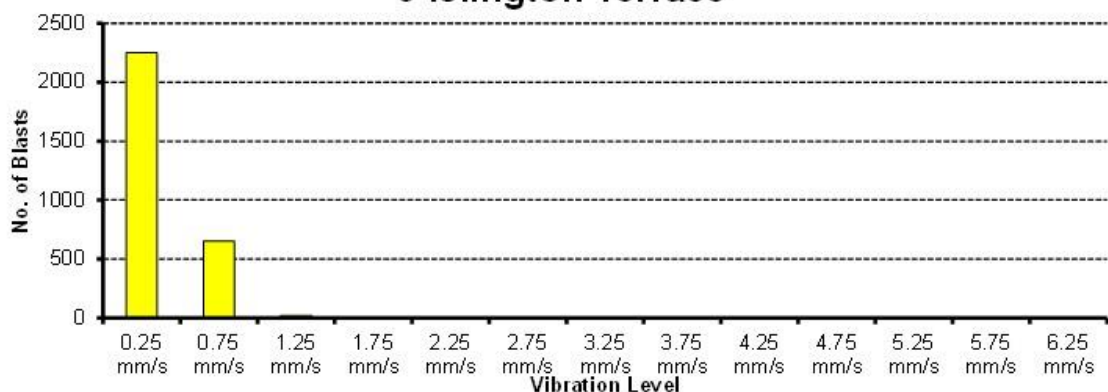
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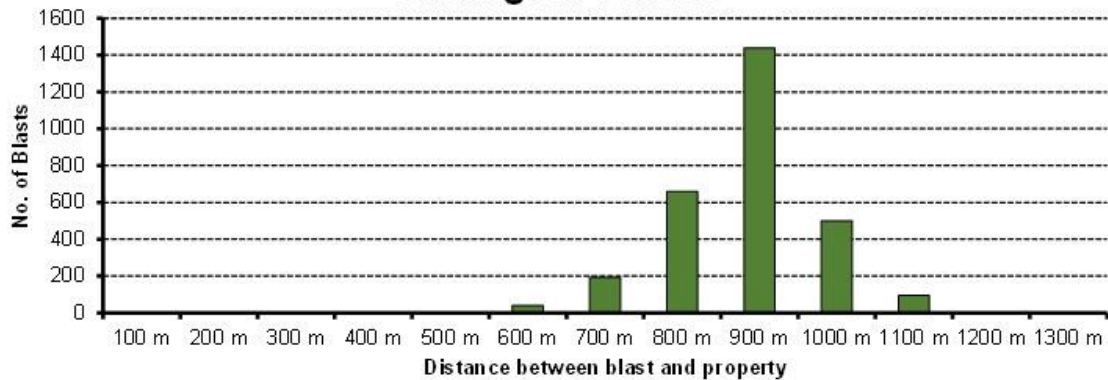
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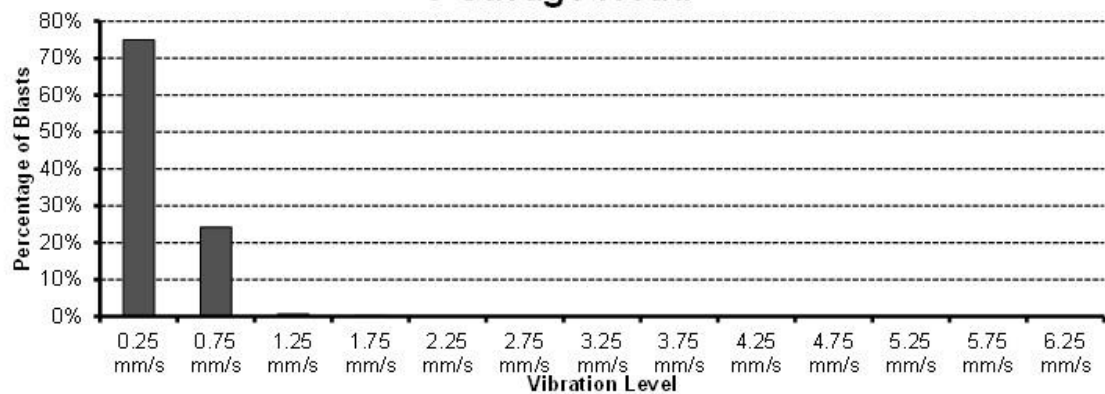
### 9 Islington Terrace



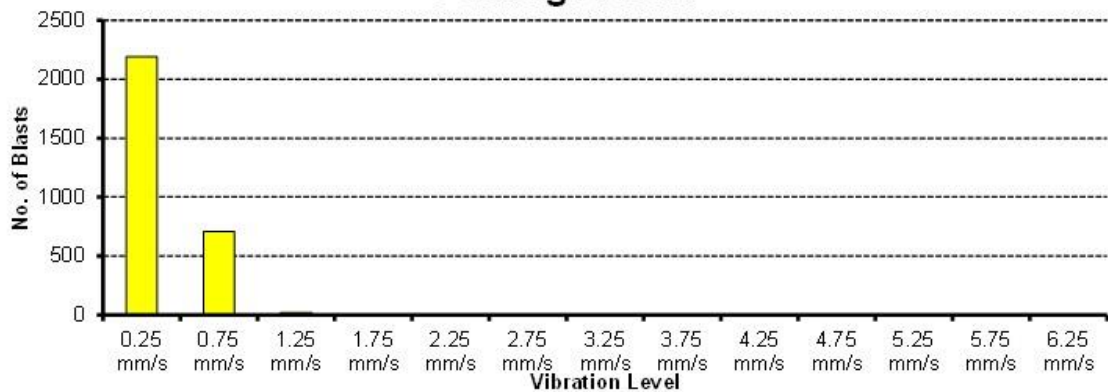
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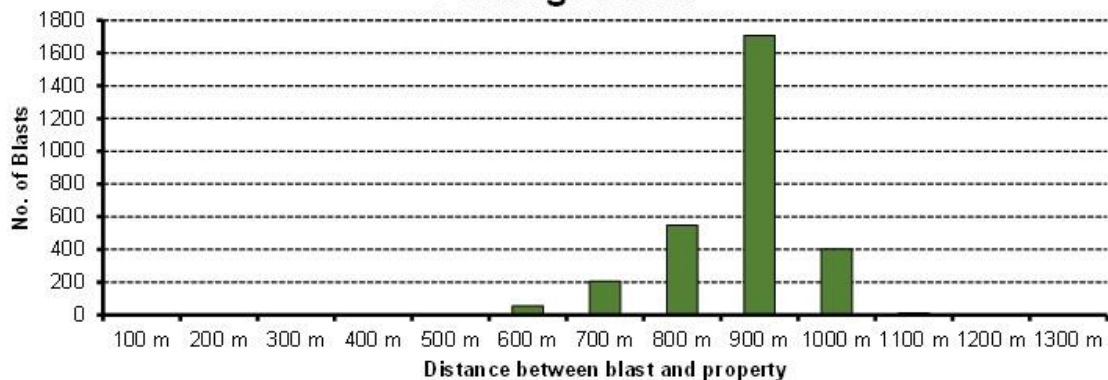
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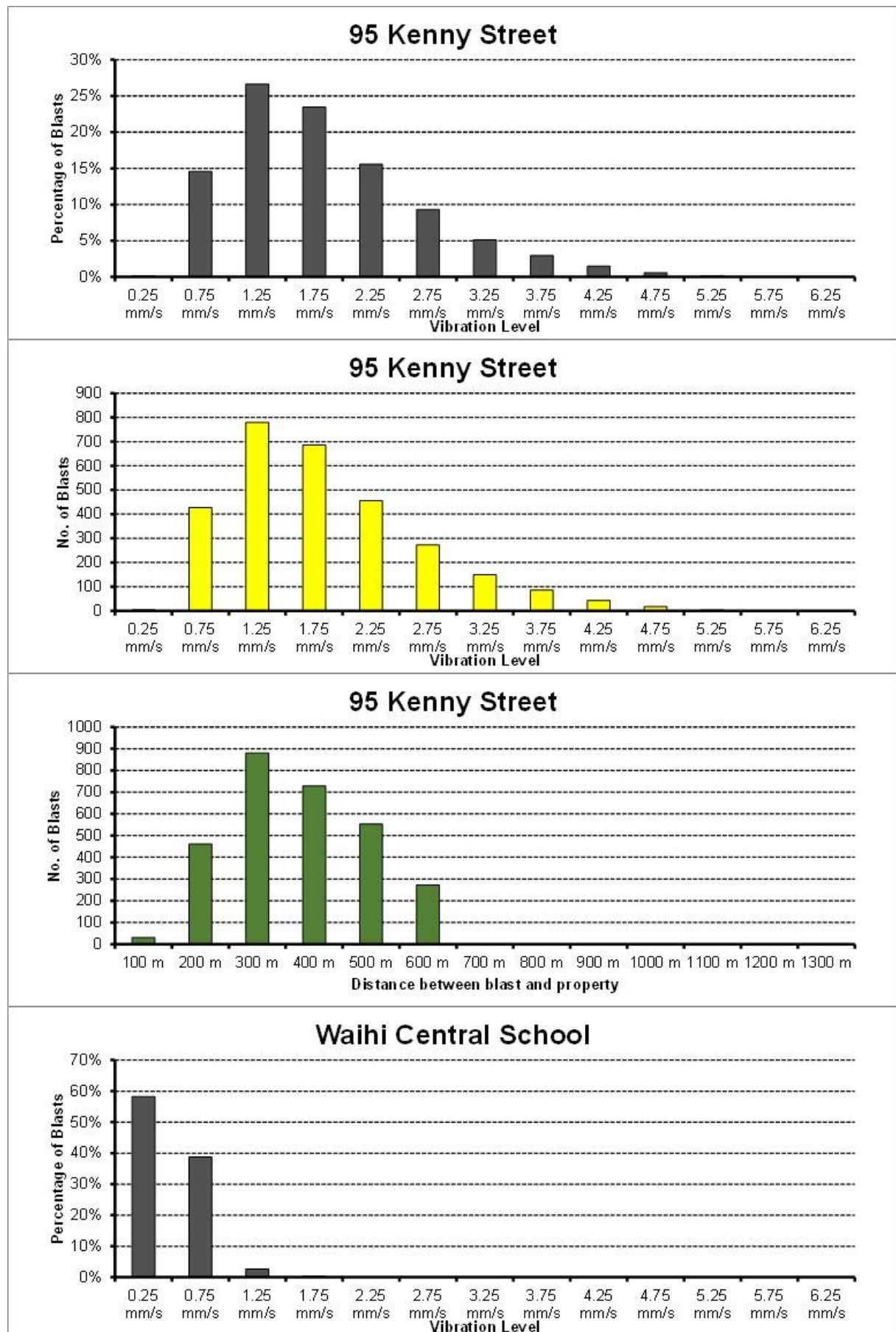
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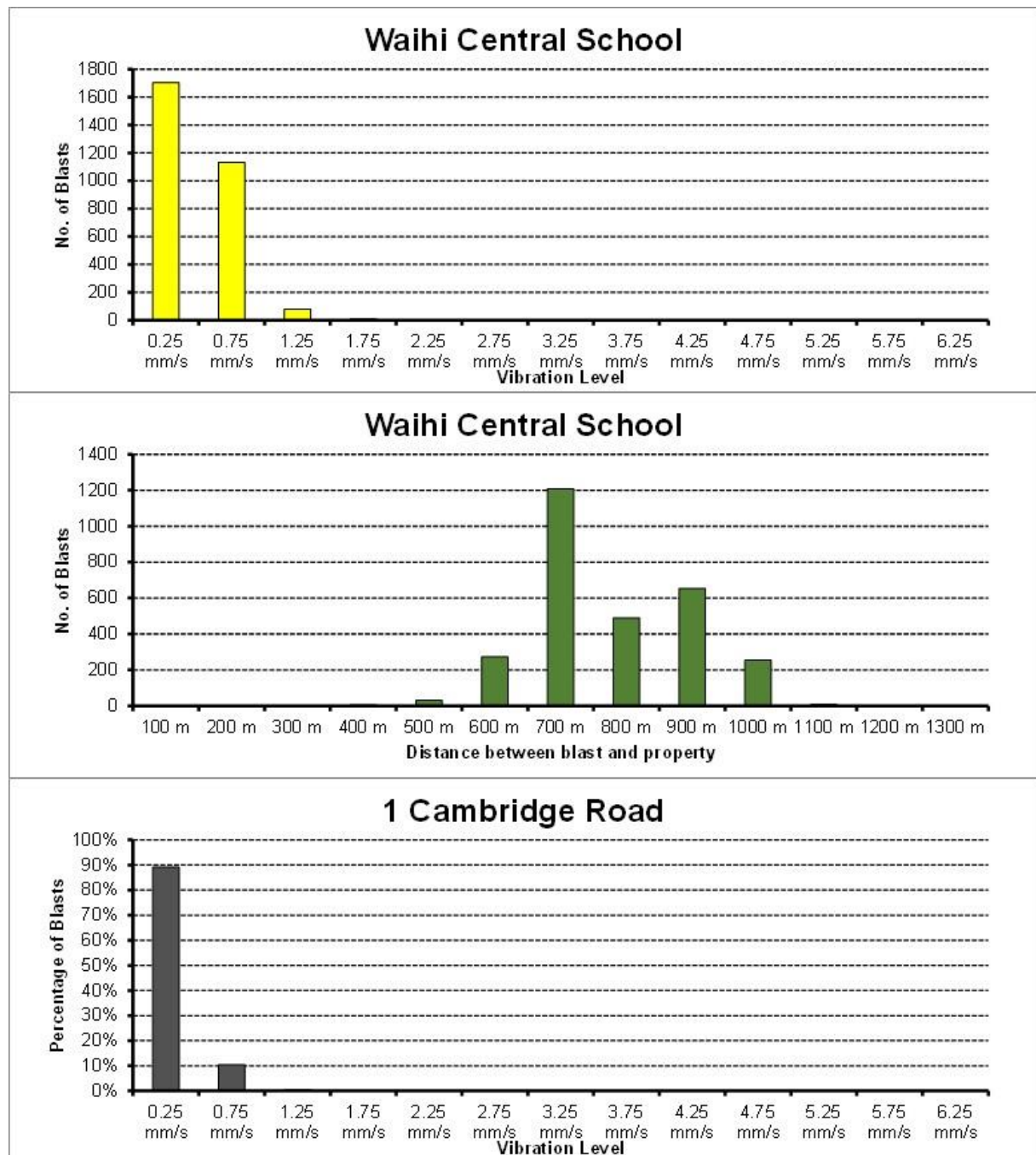


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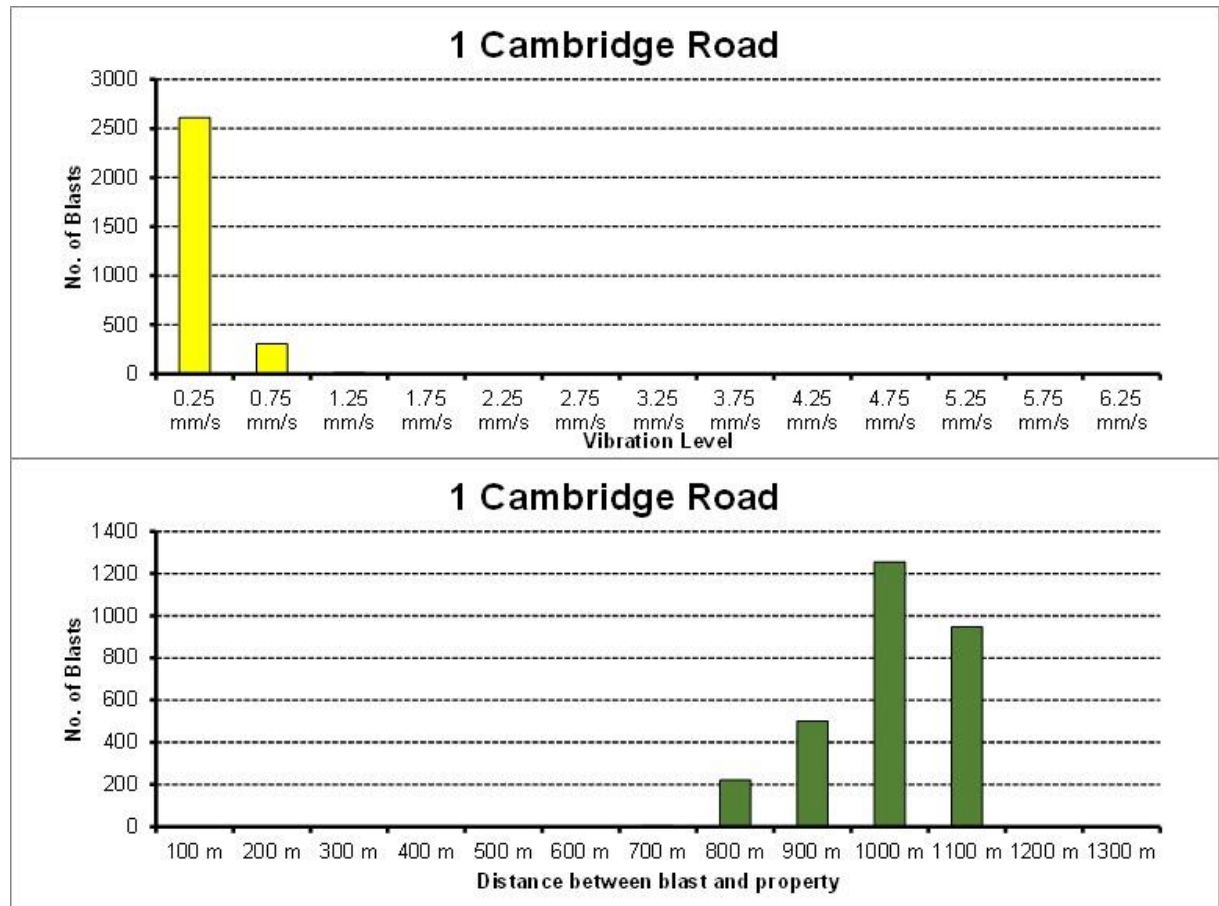




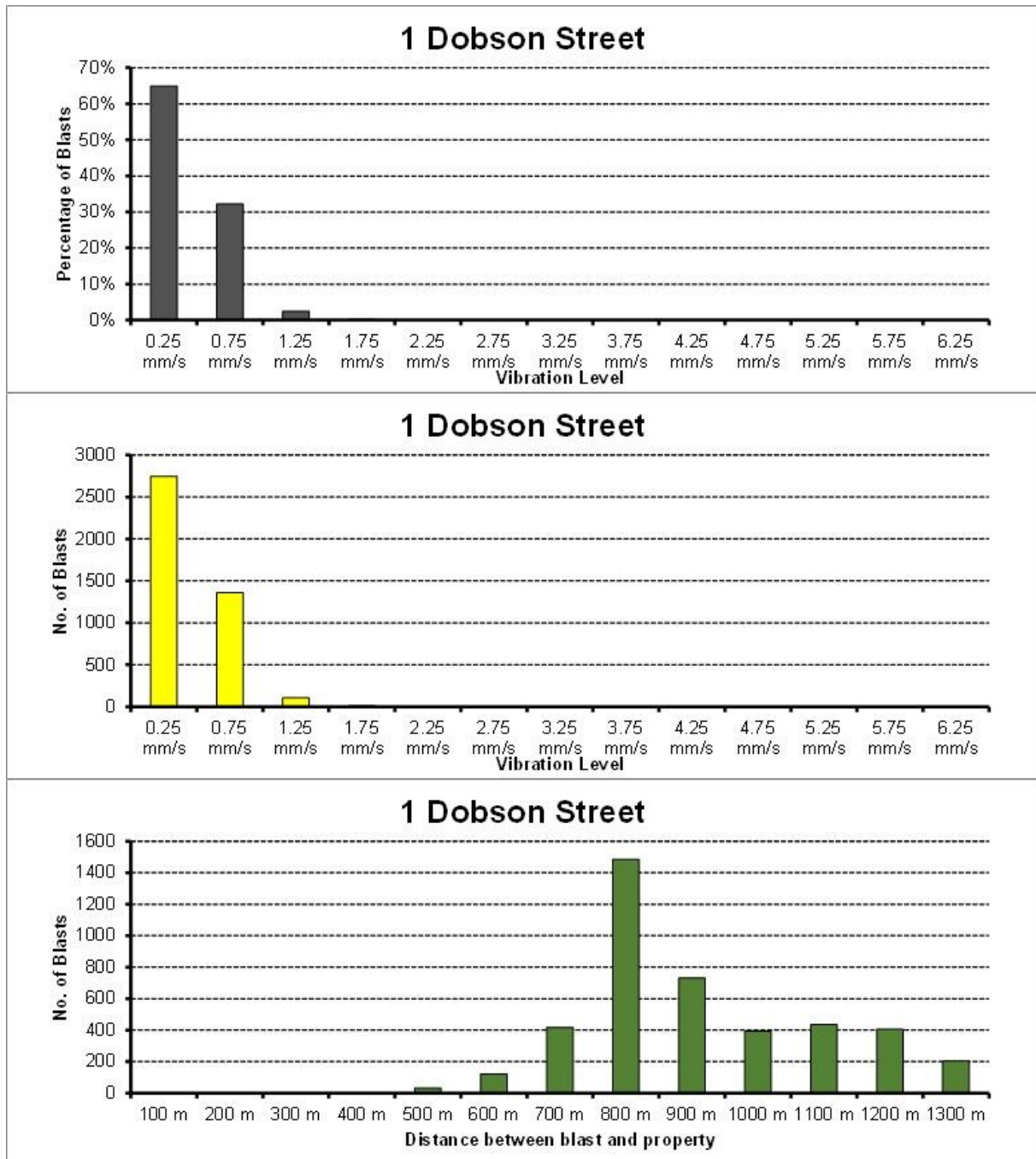


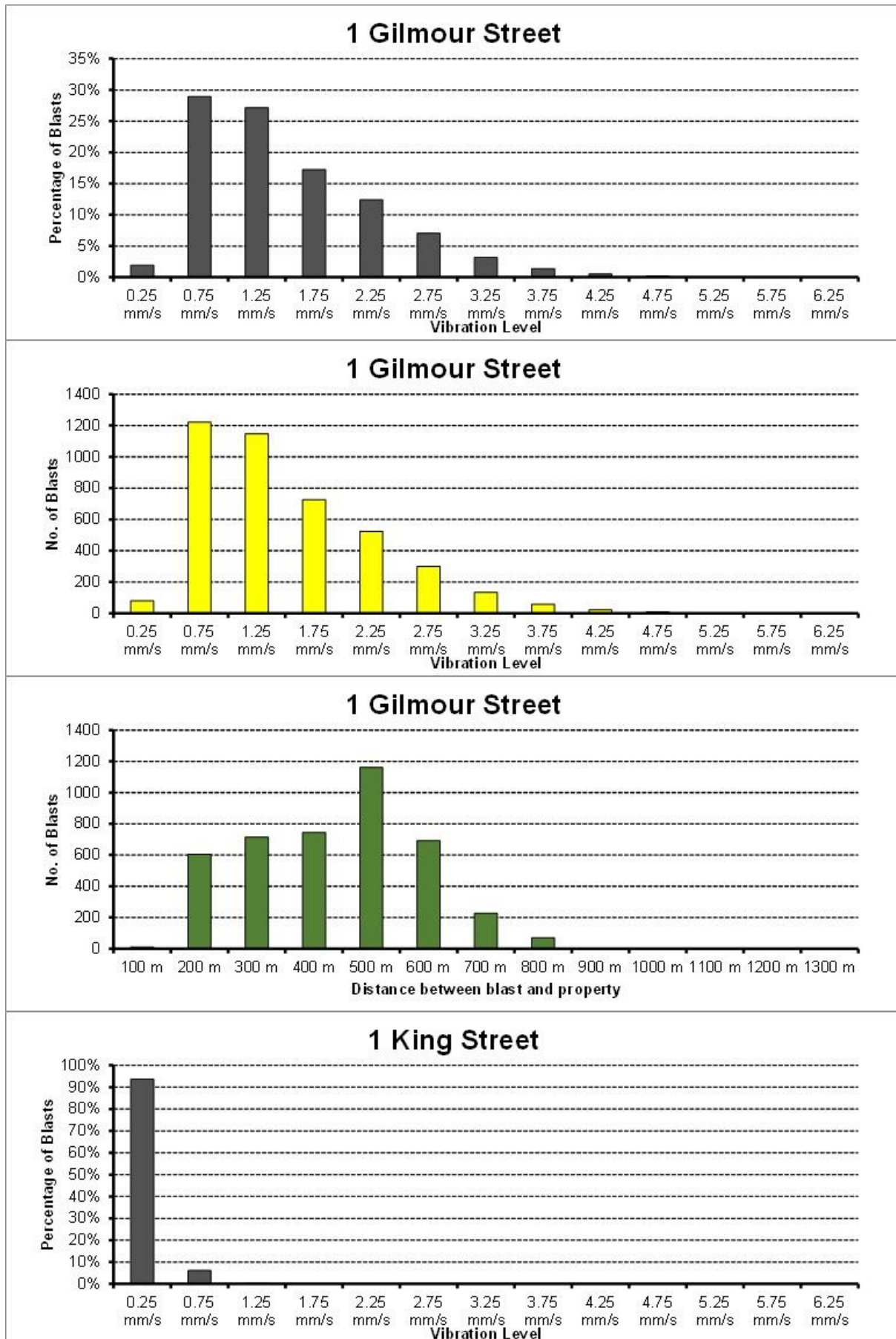


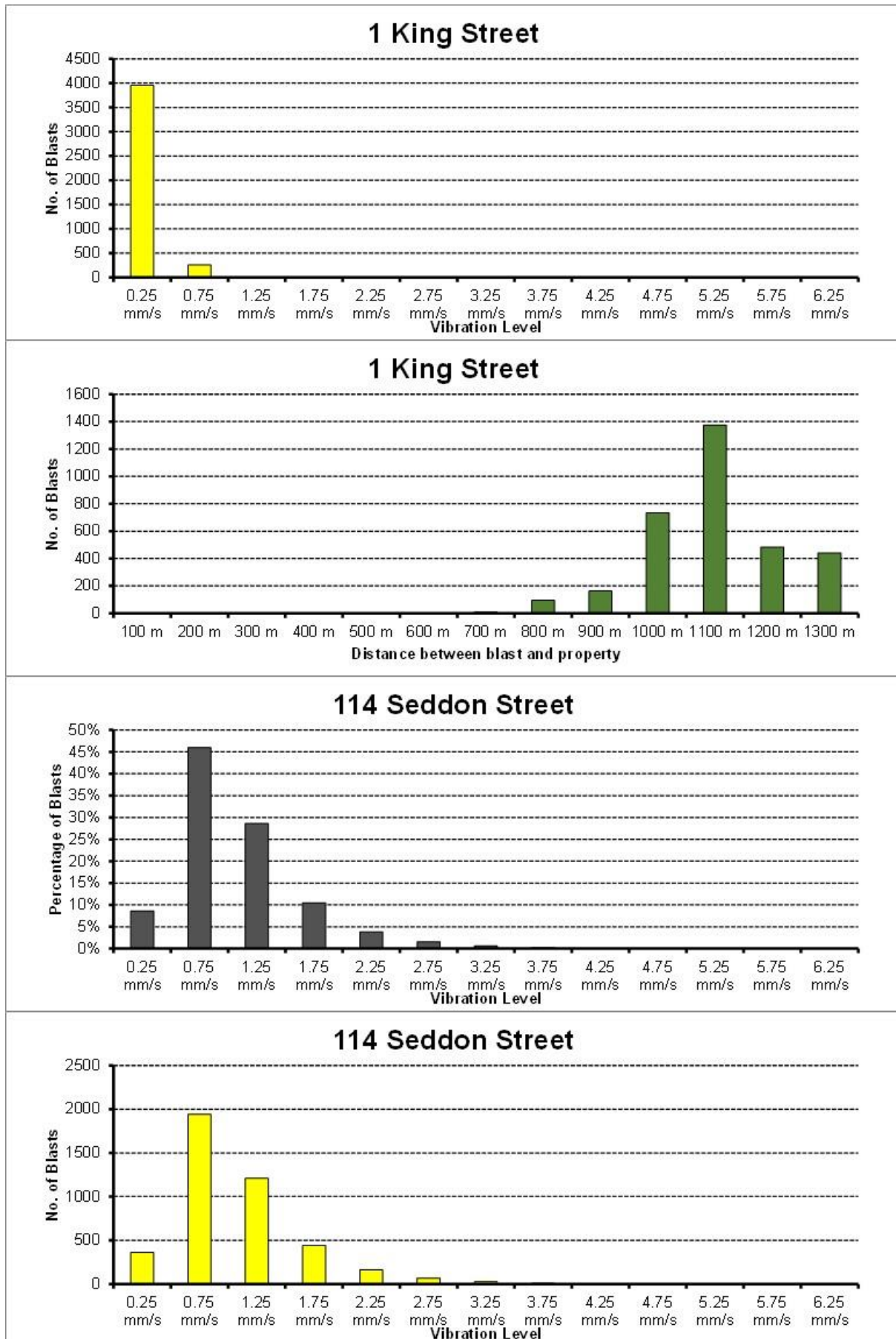




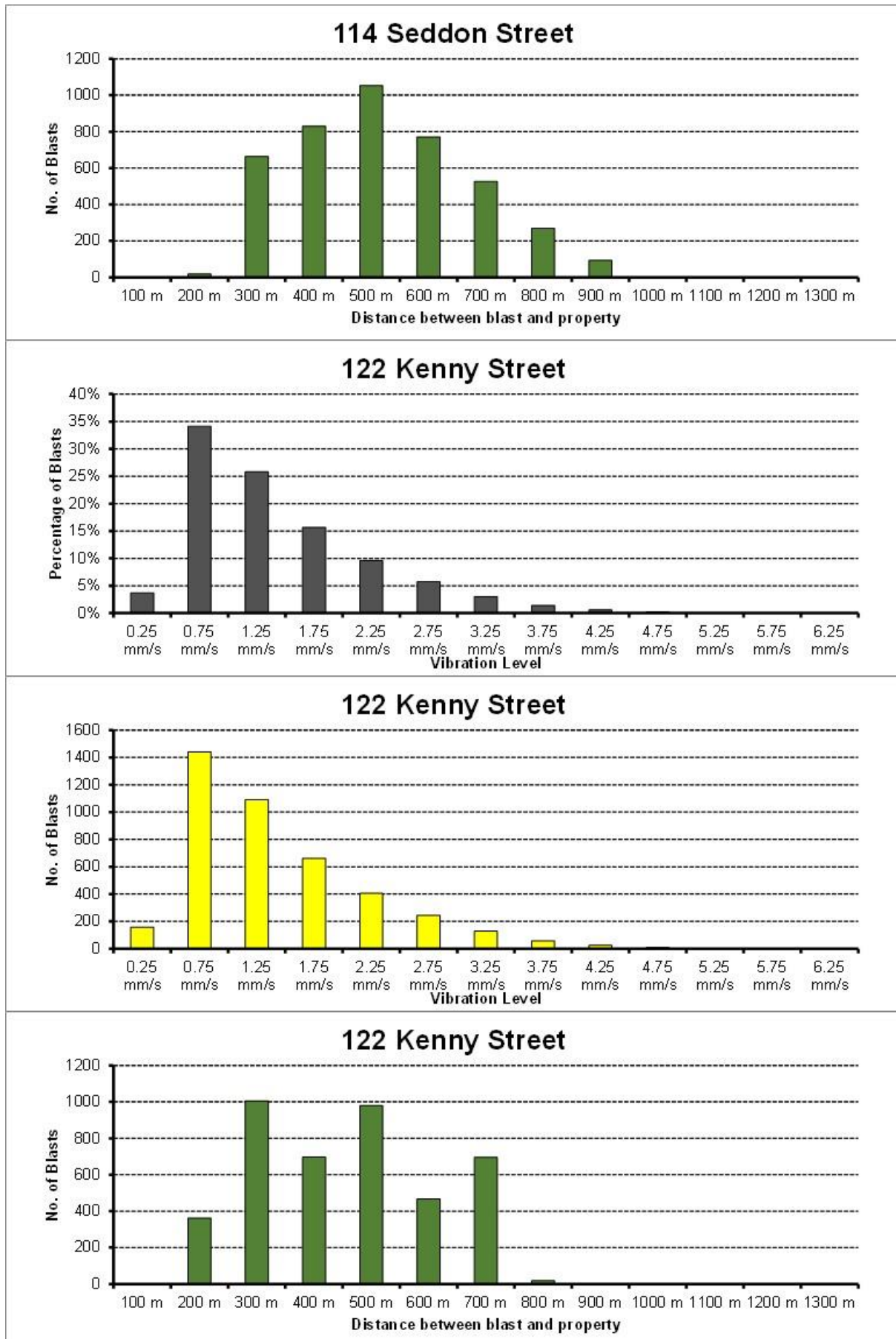
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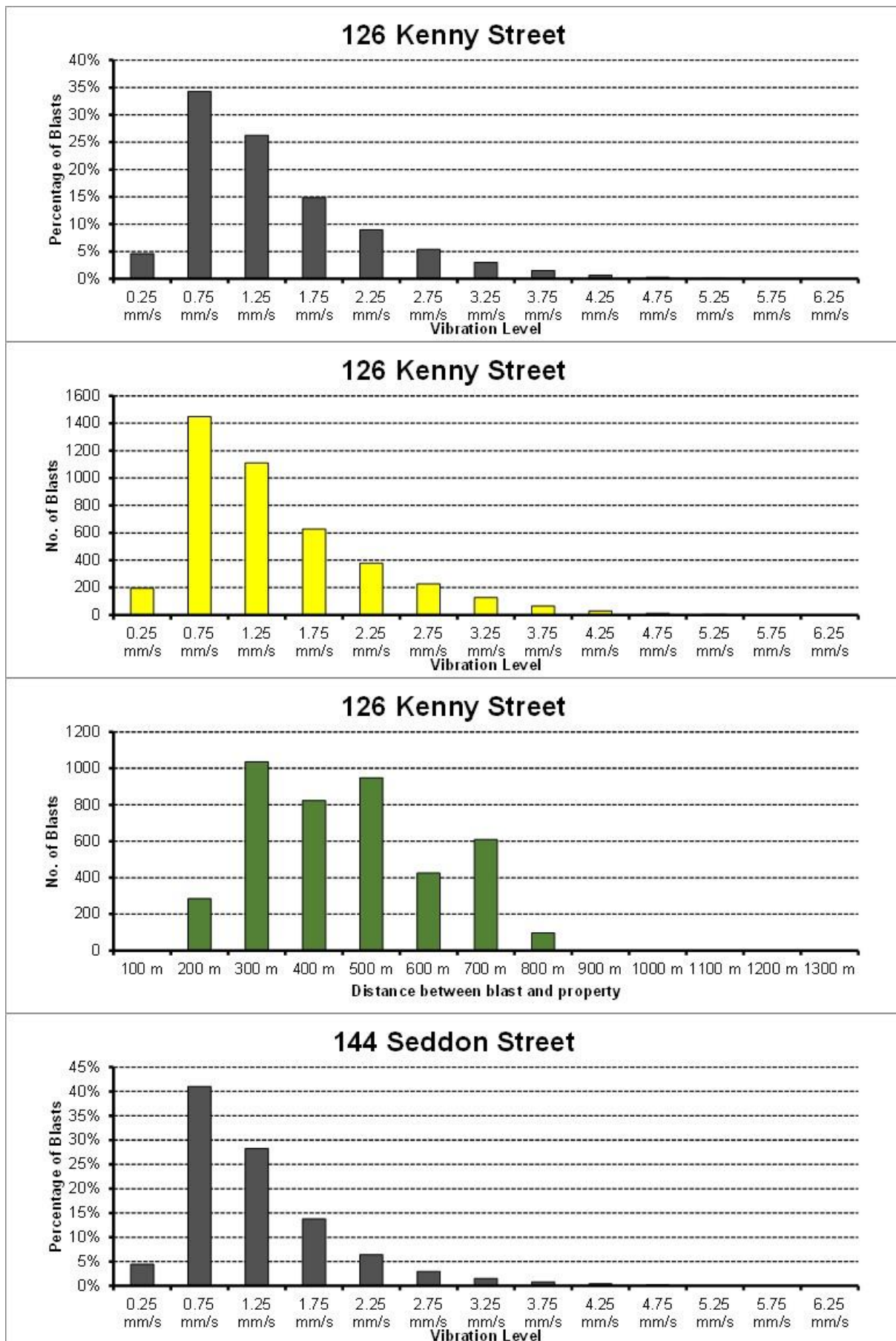


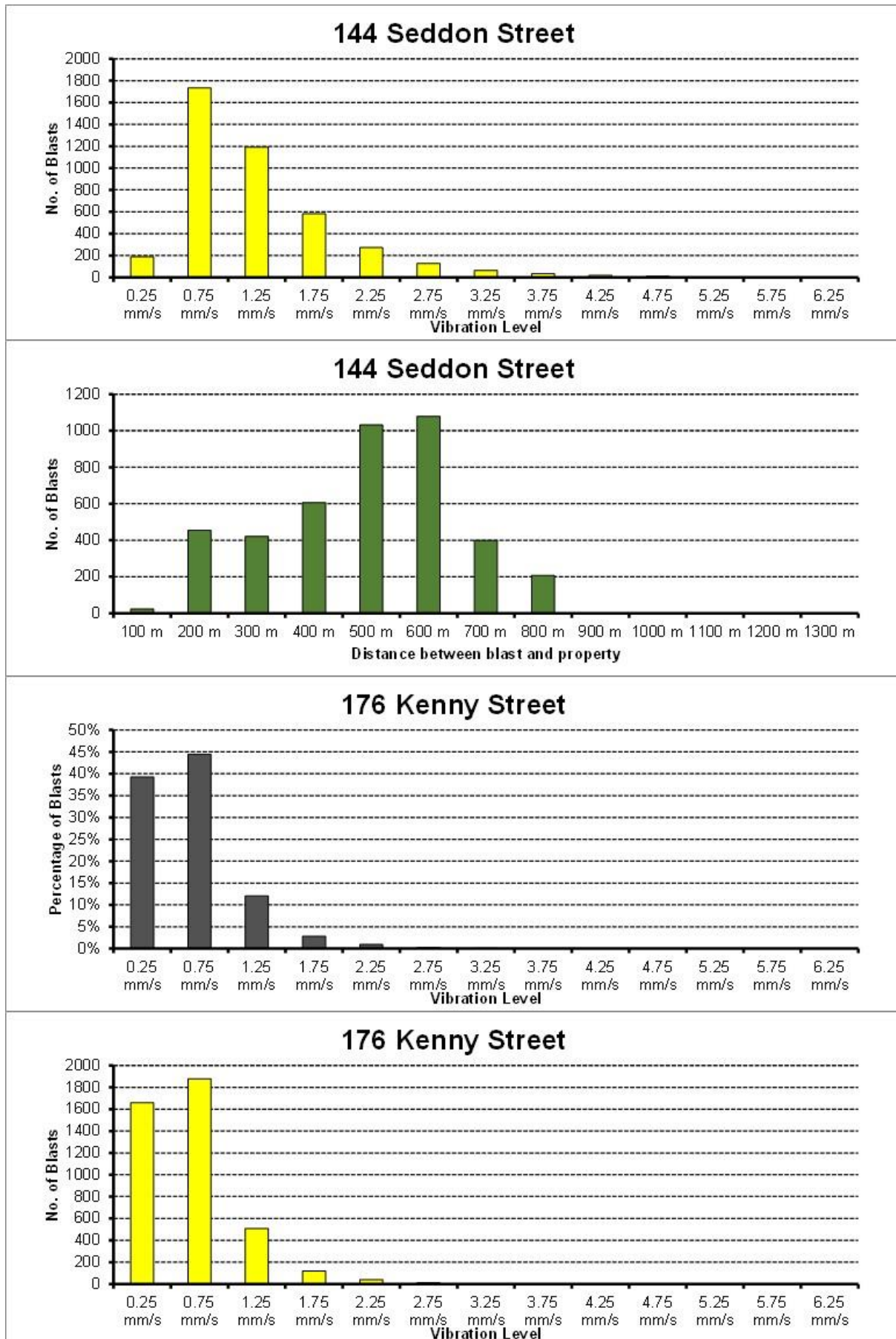




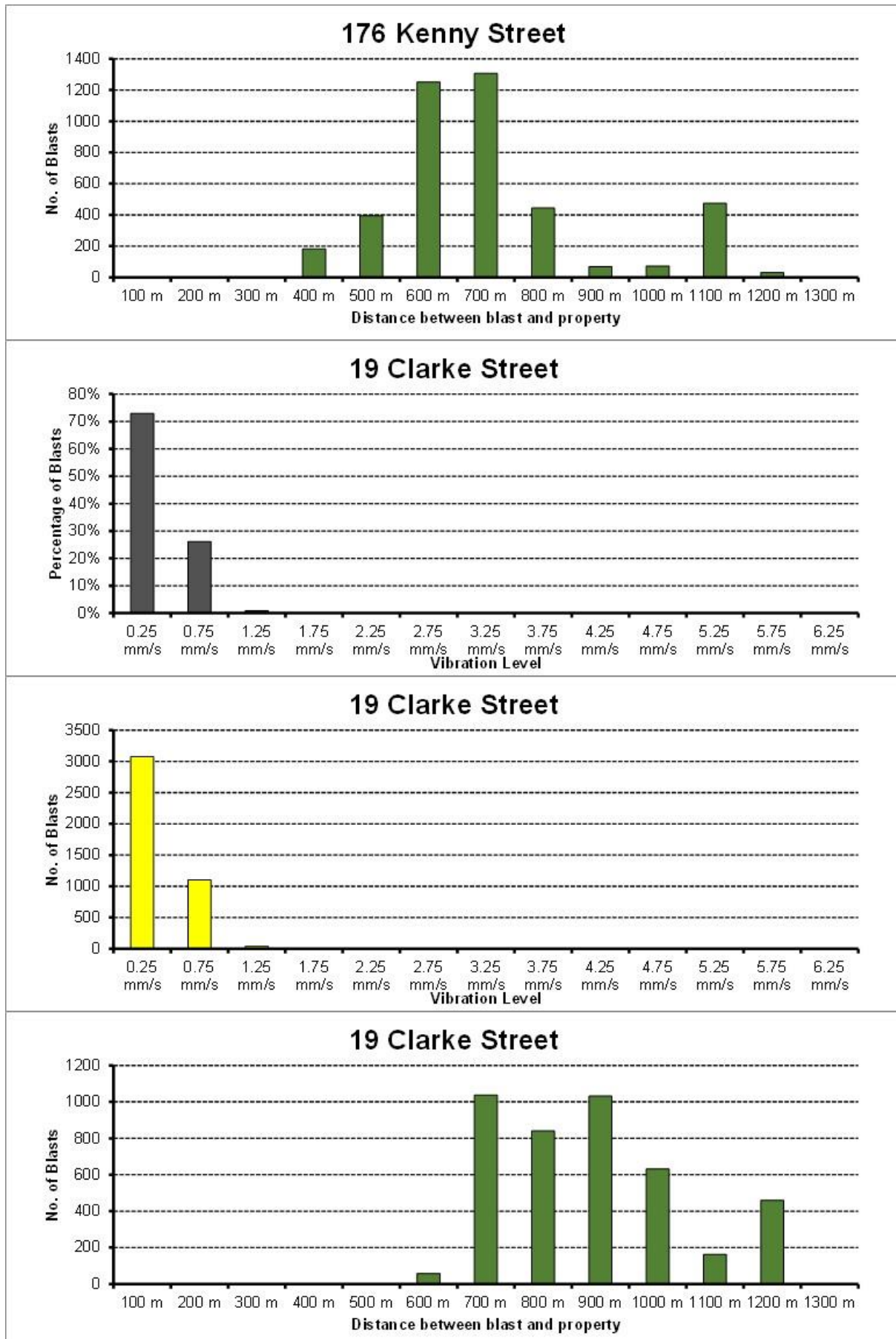




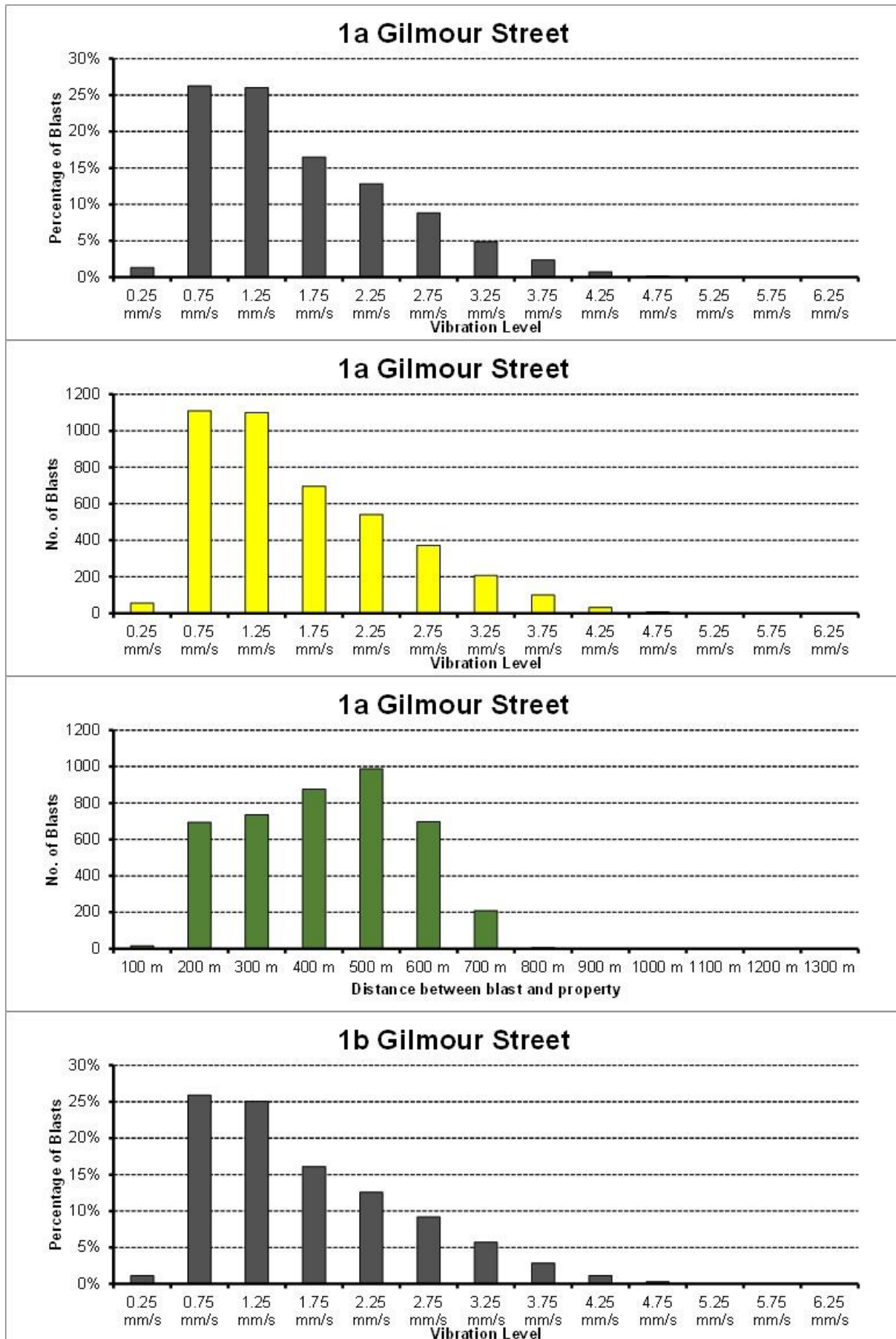


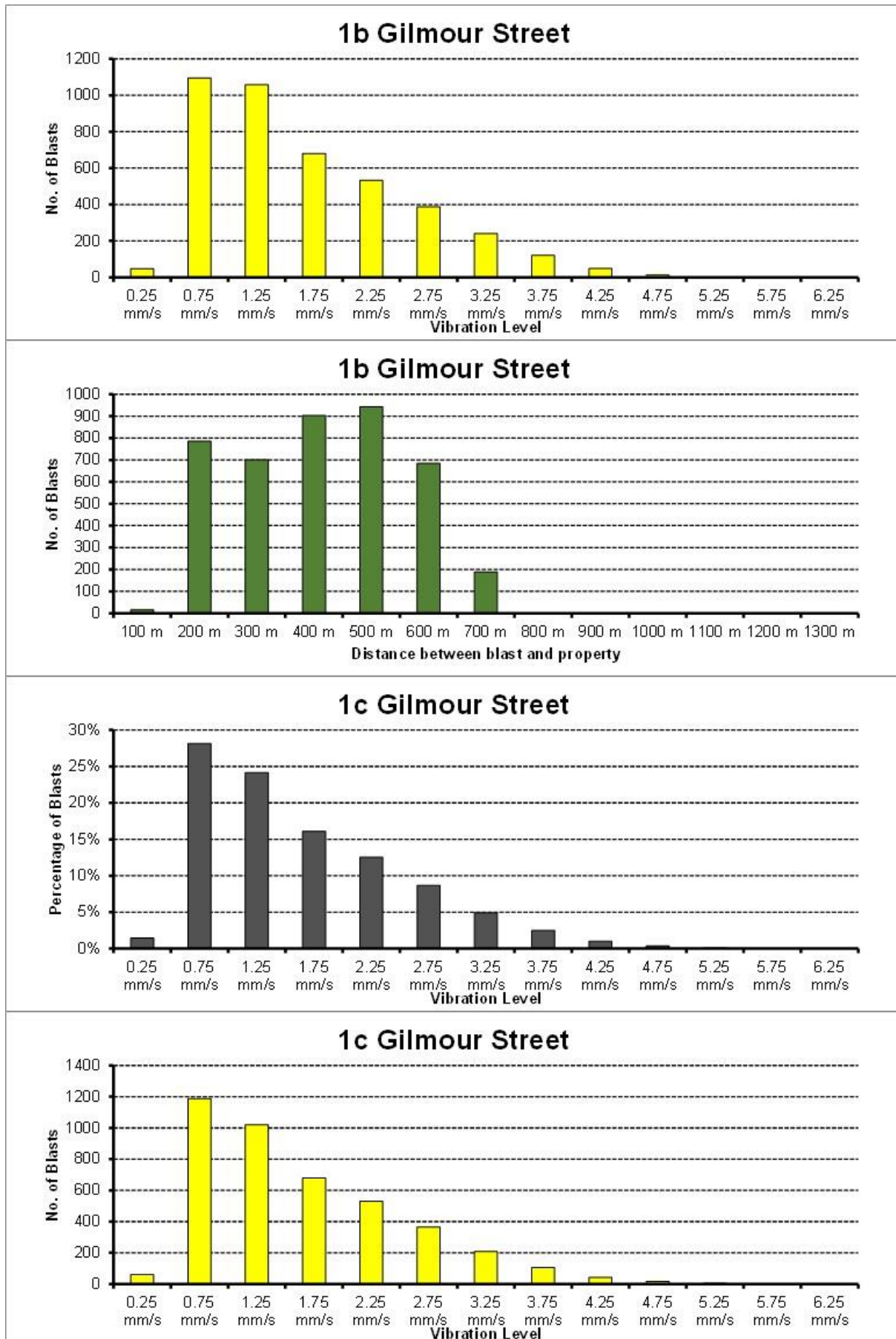


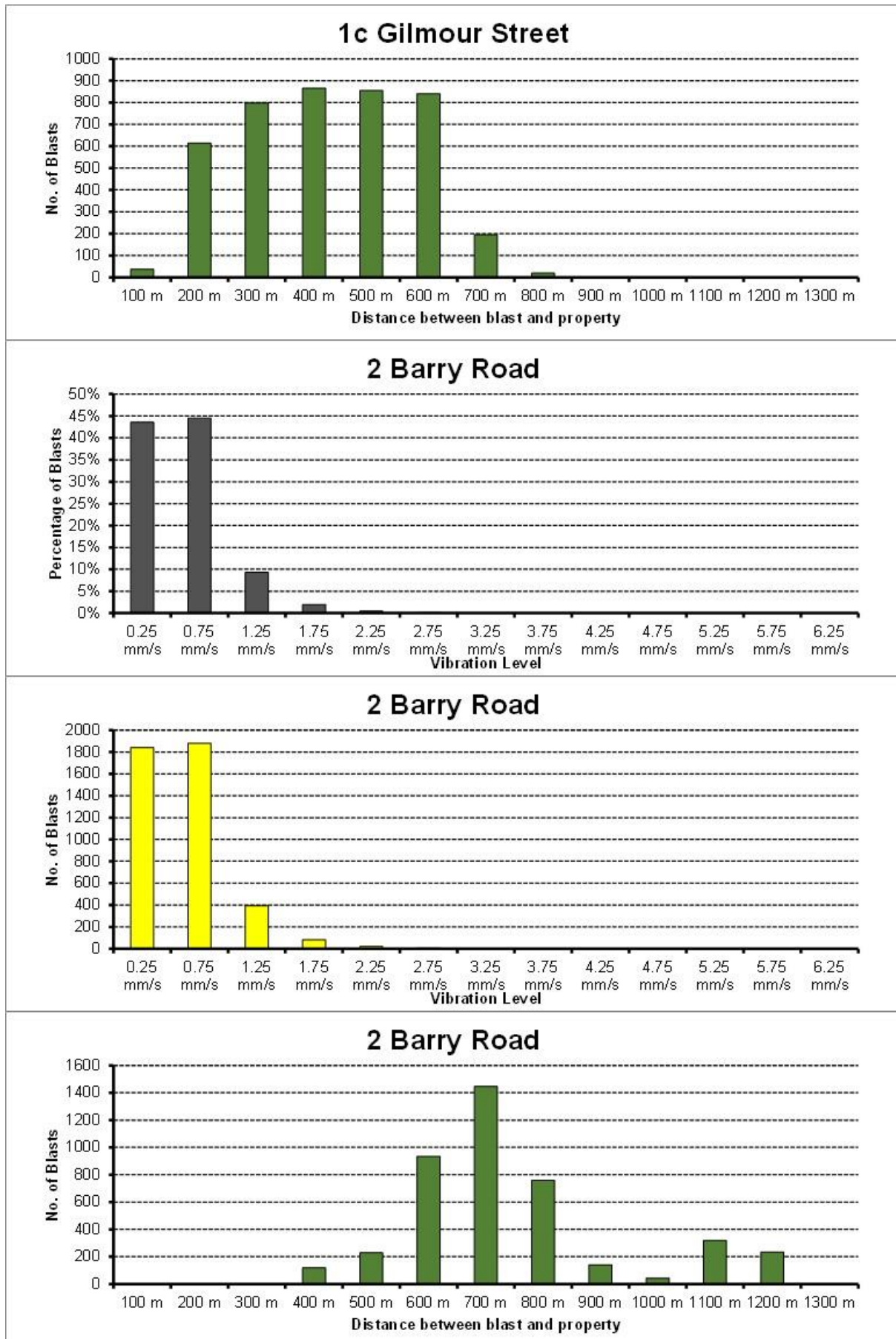






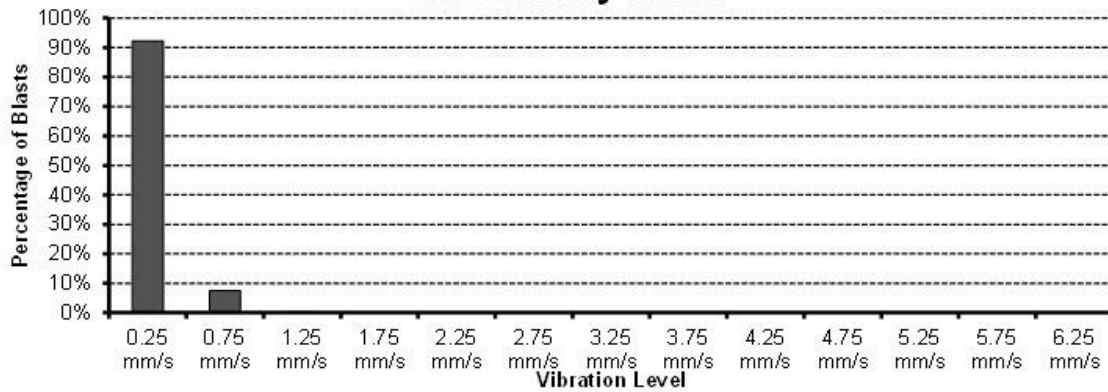




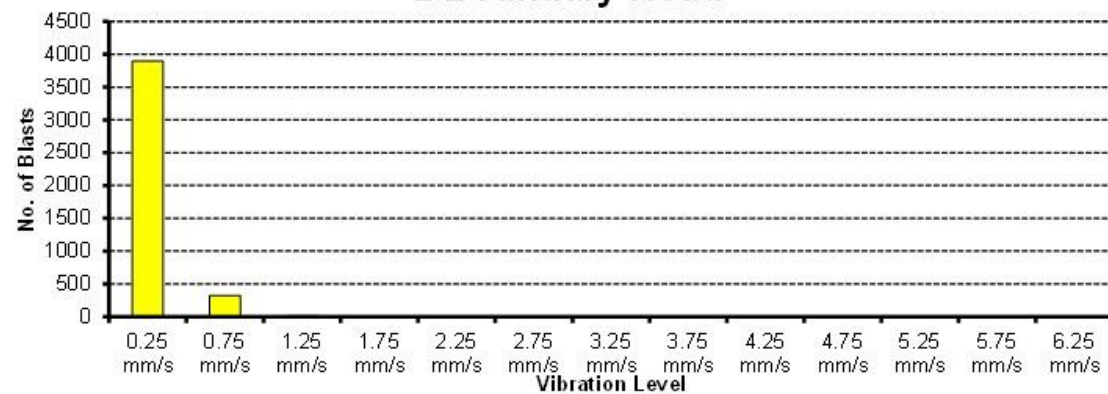




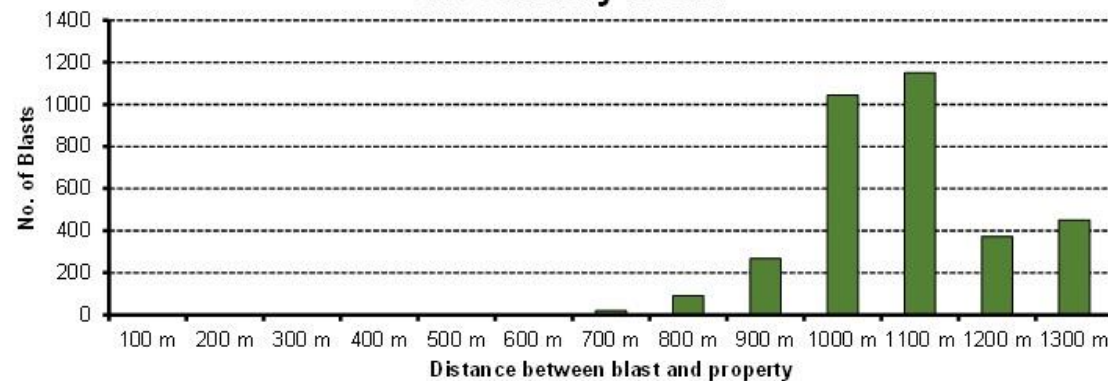
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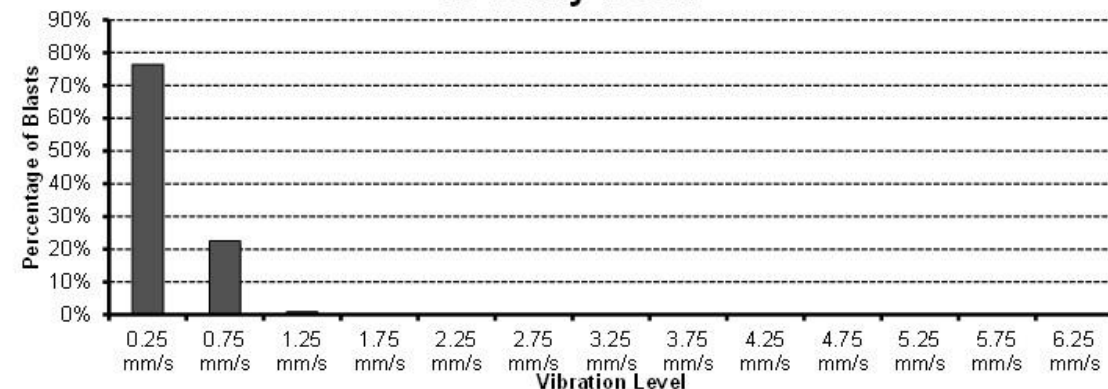
### 2 Boundary Road



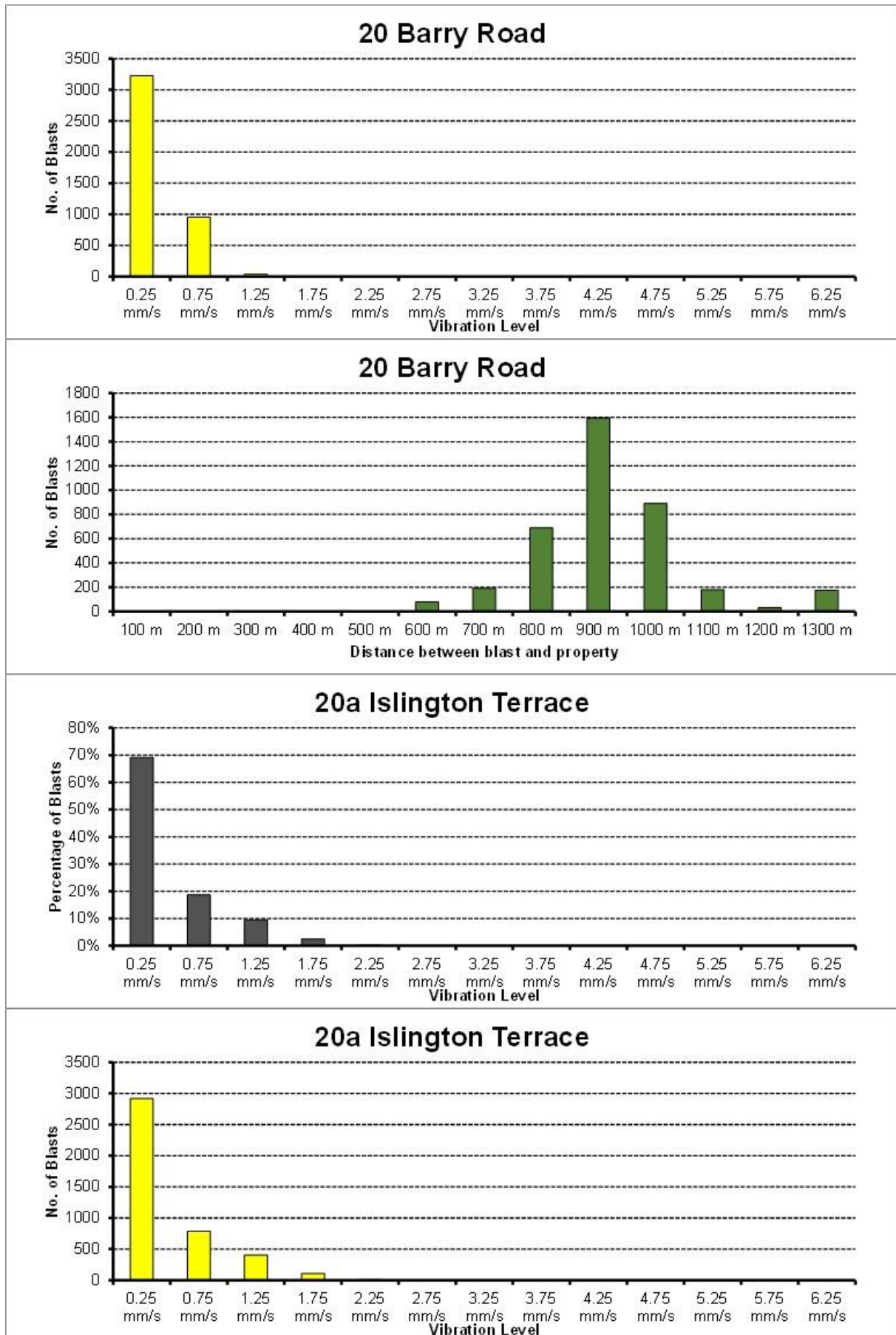
### 2 Boundary Road

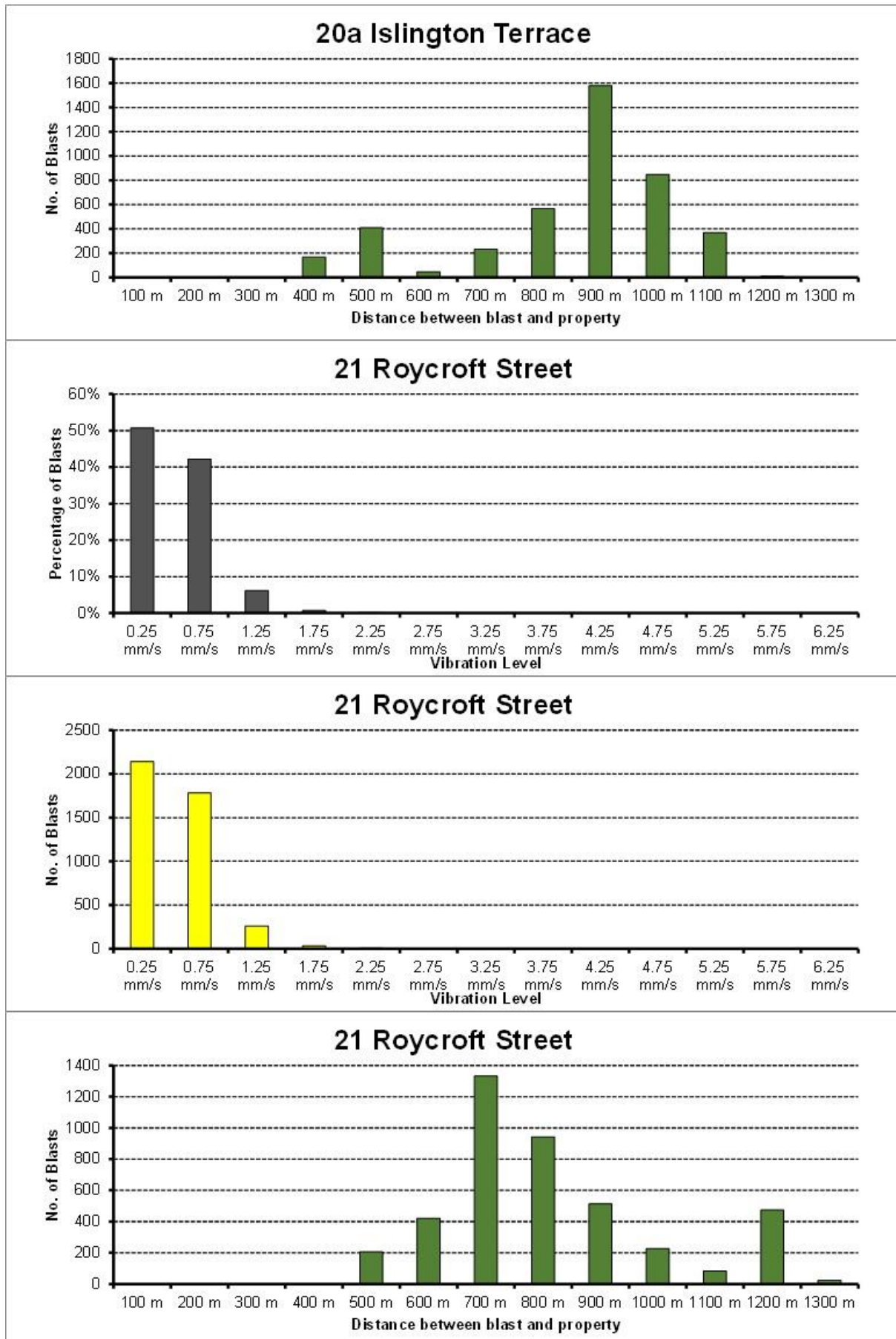


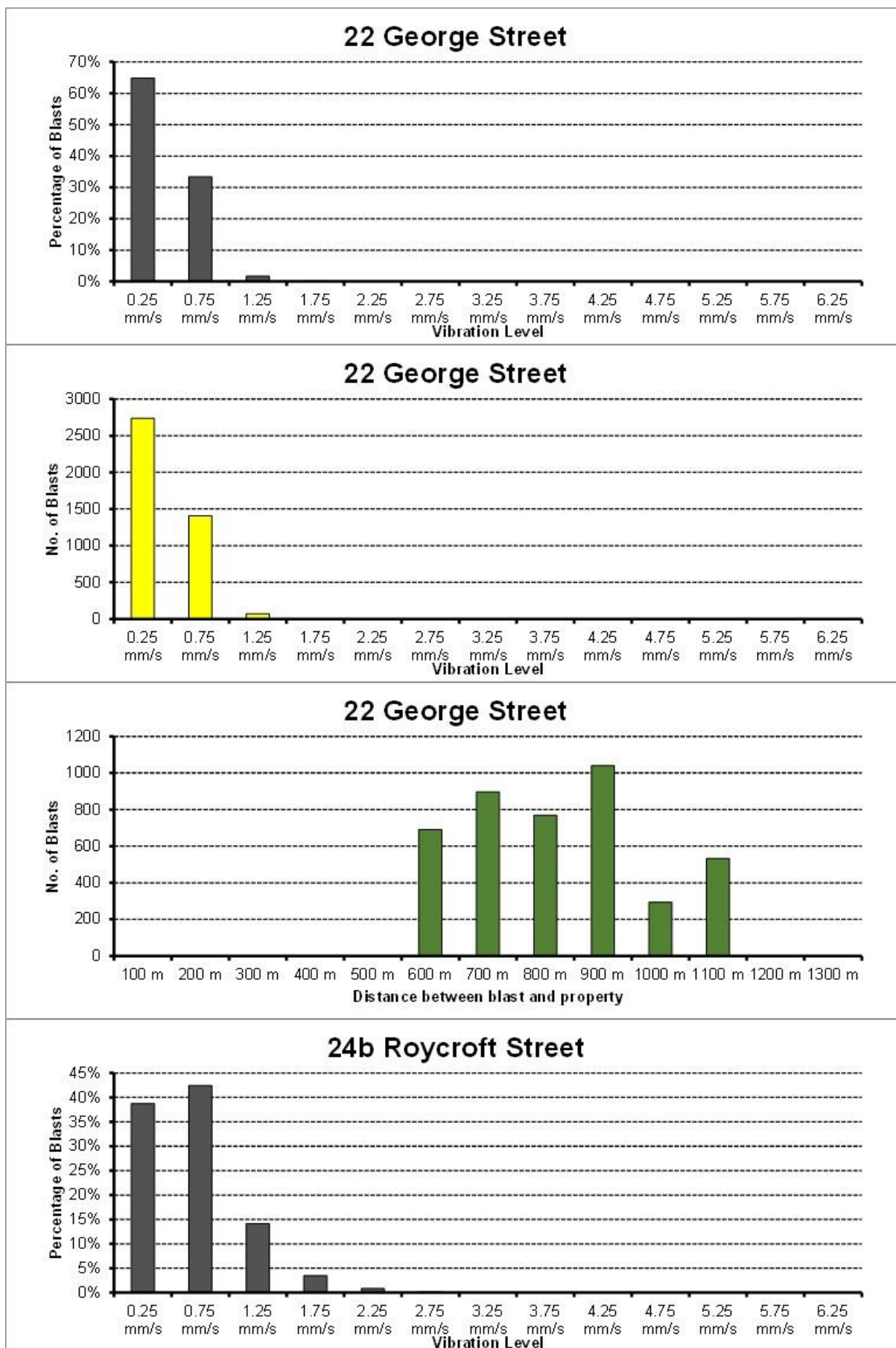
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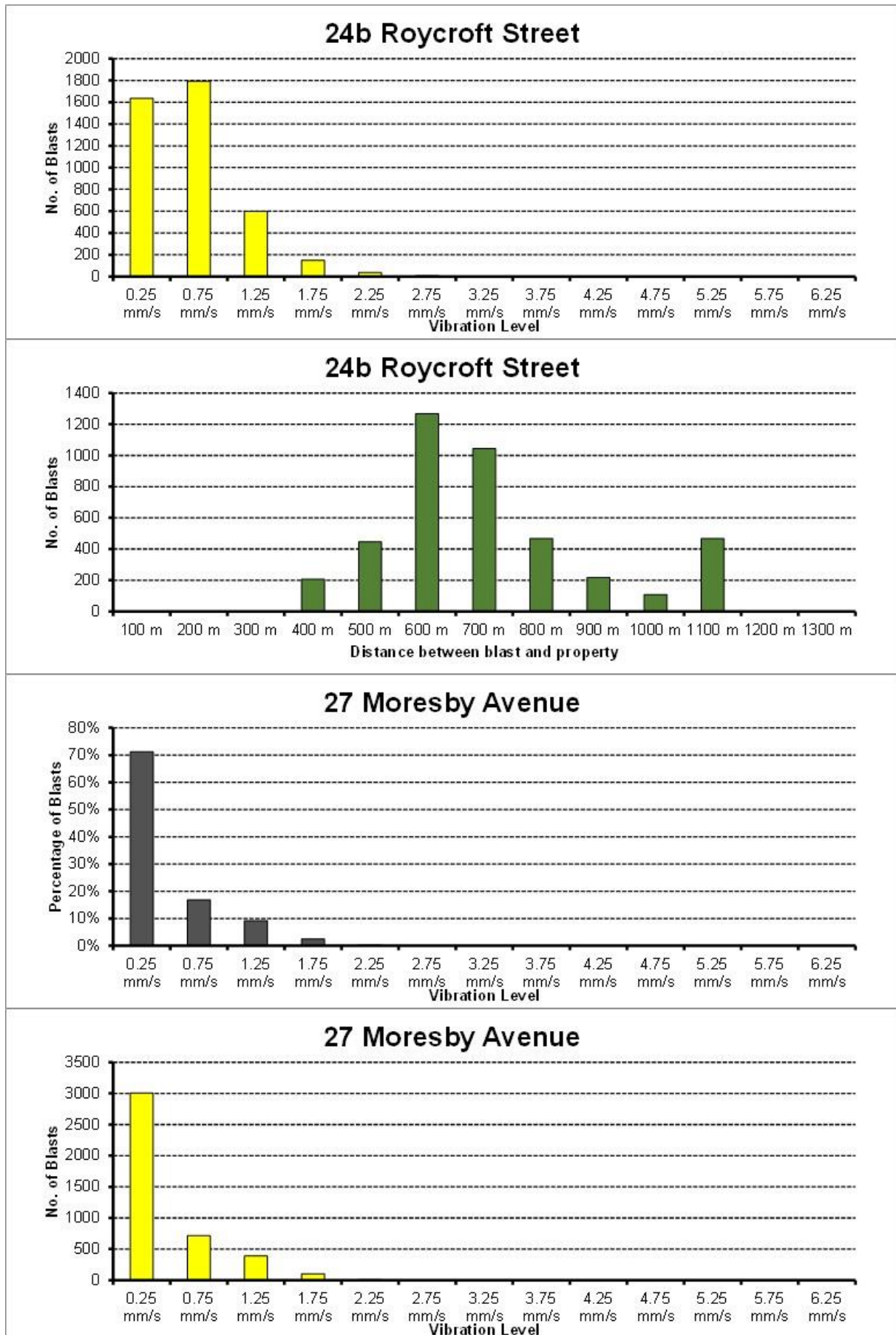




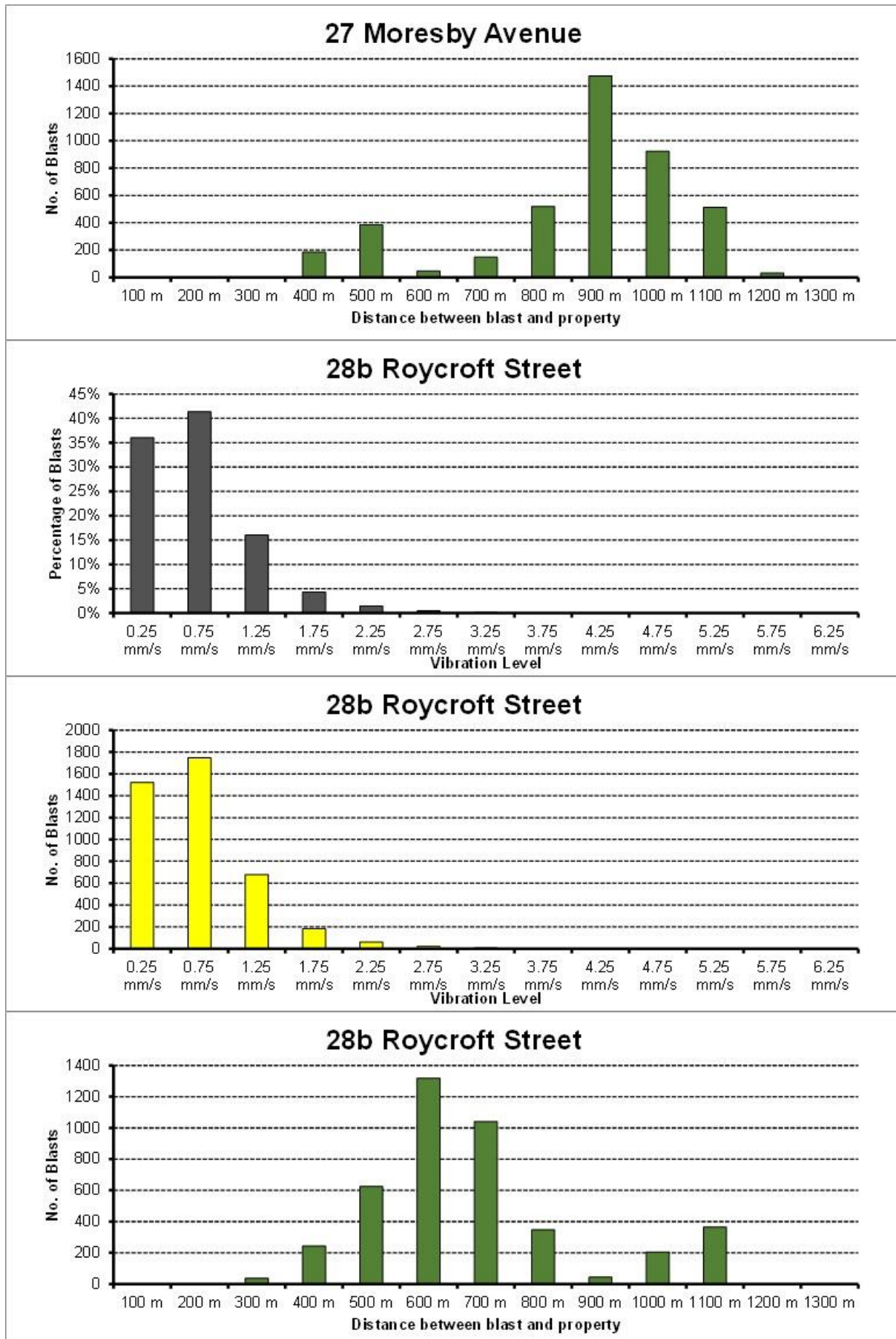


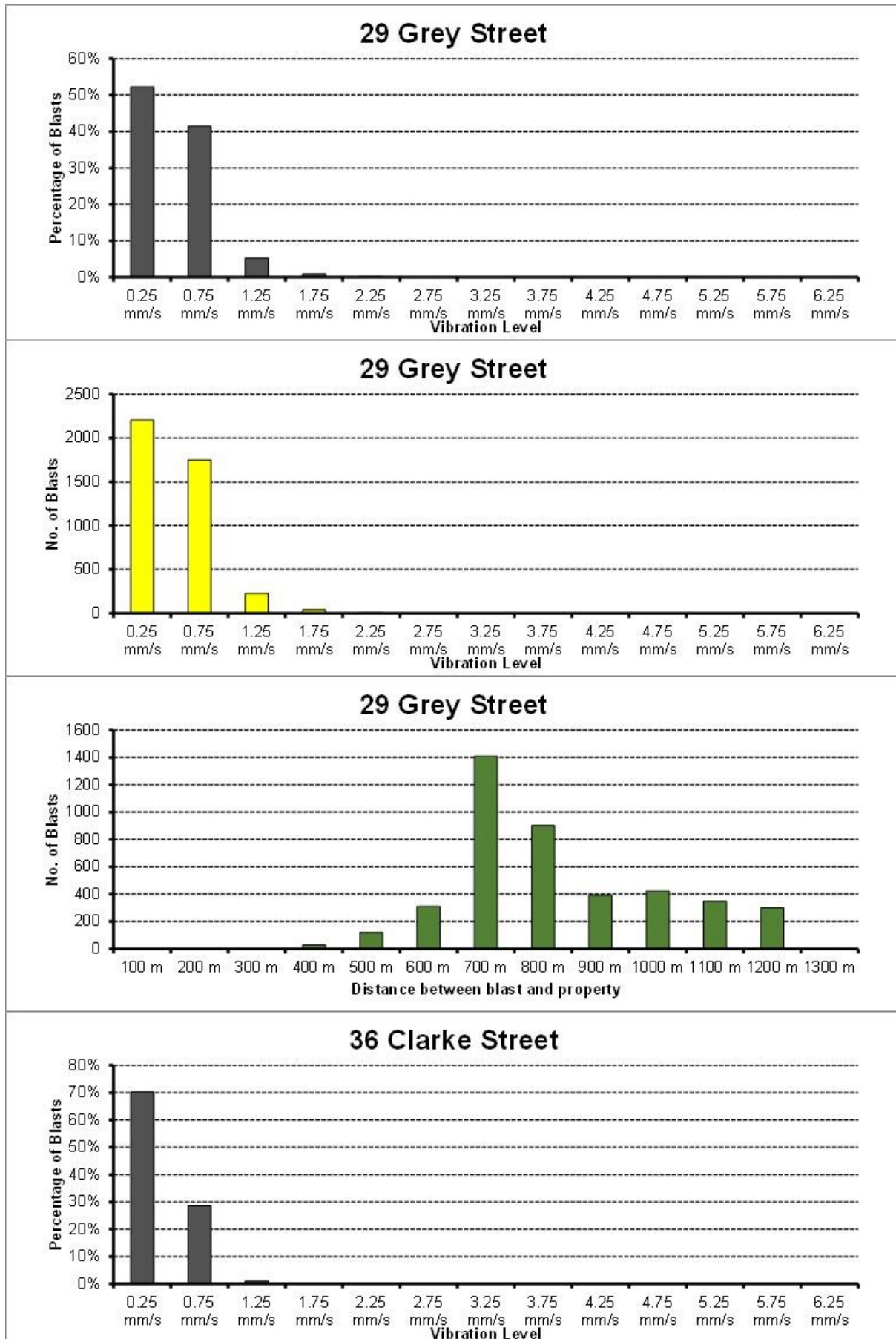


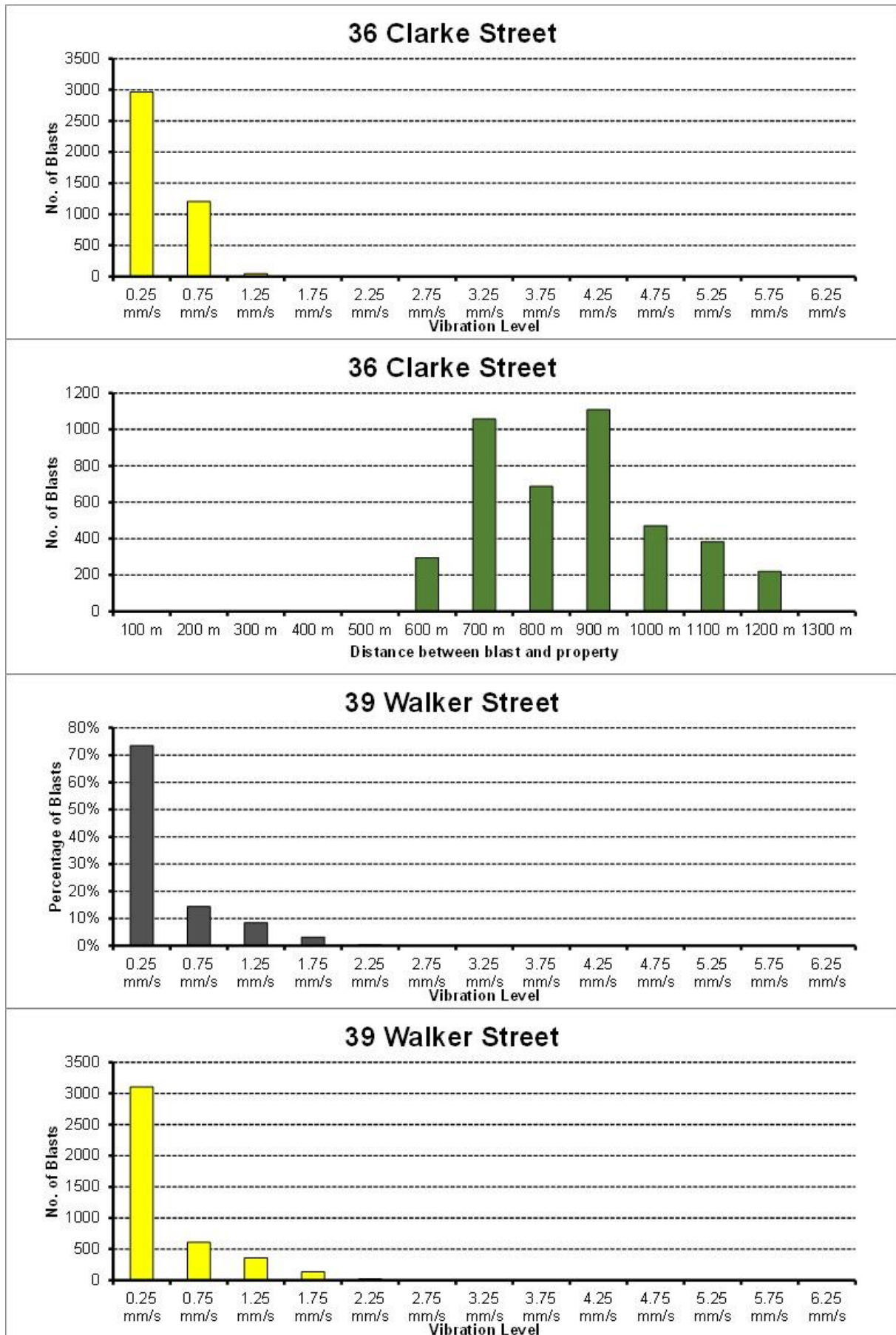




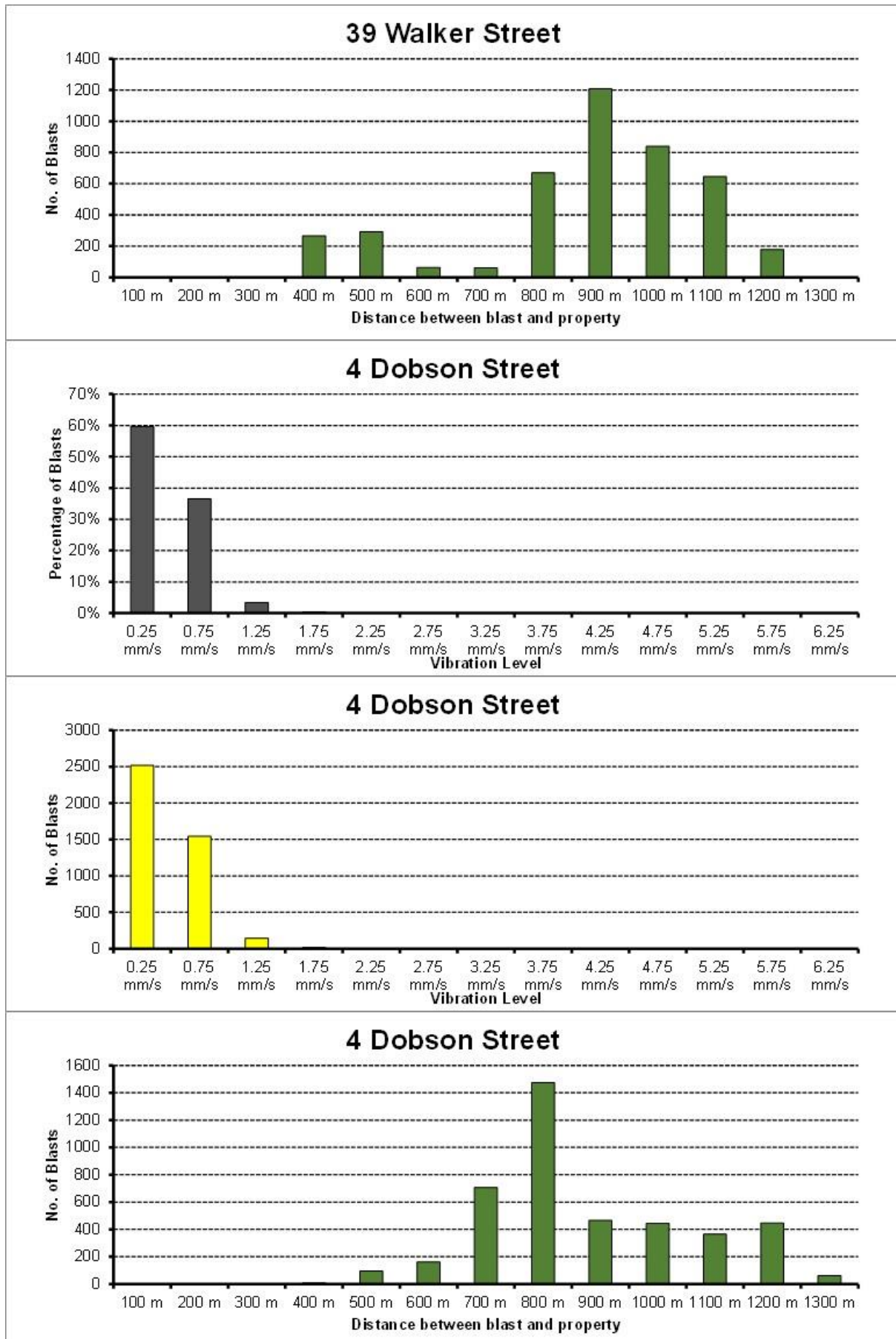




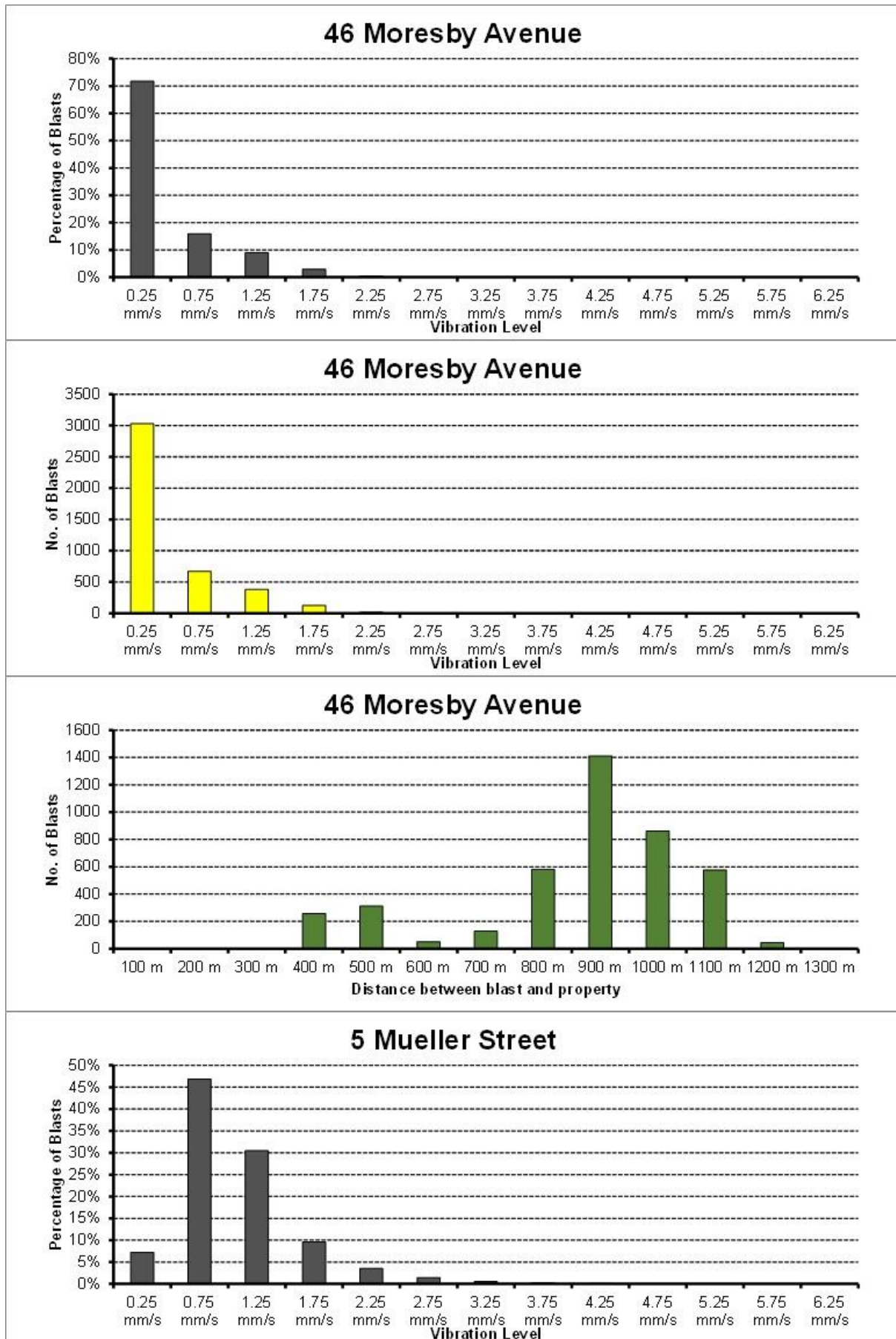


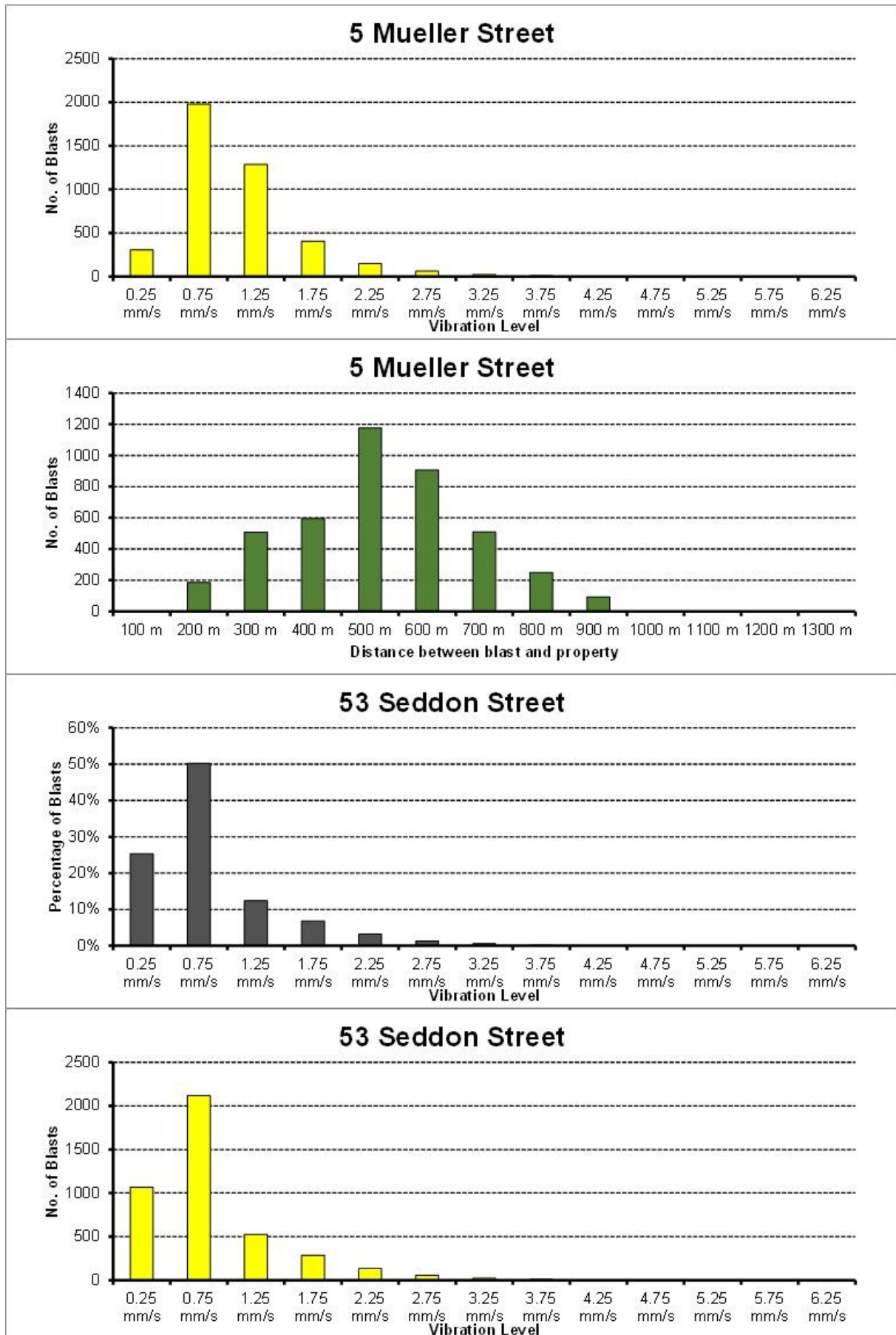


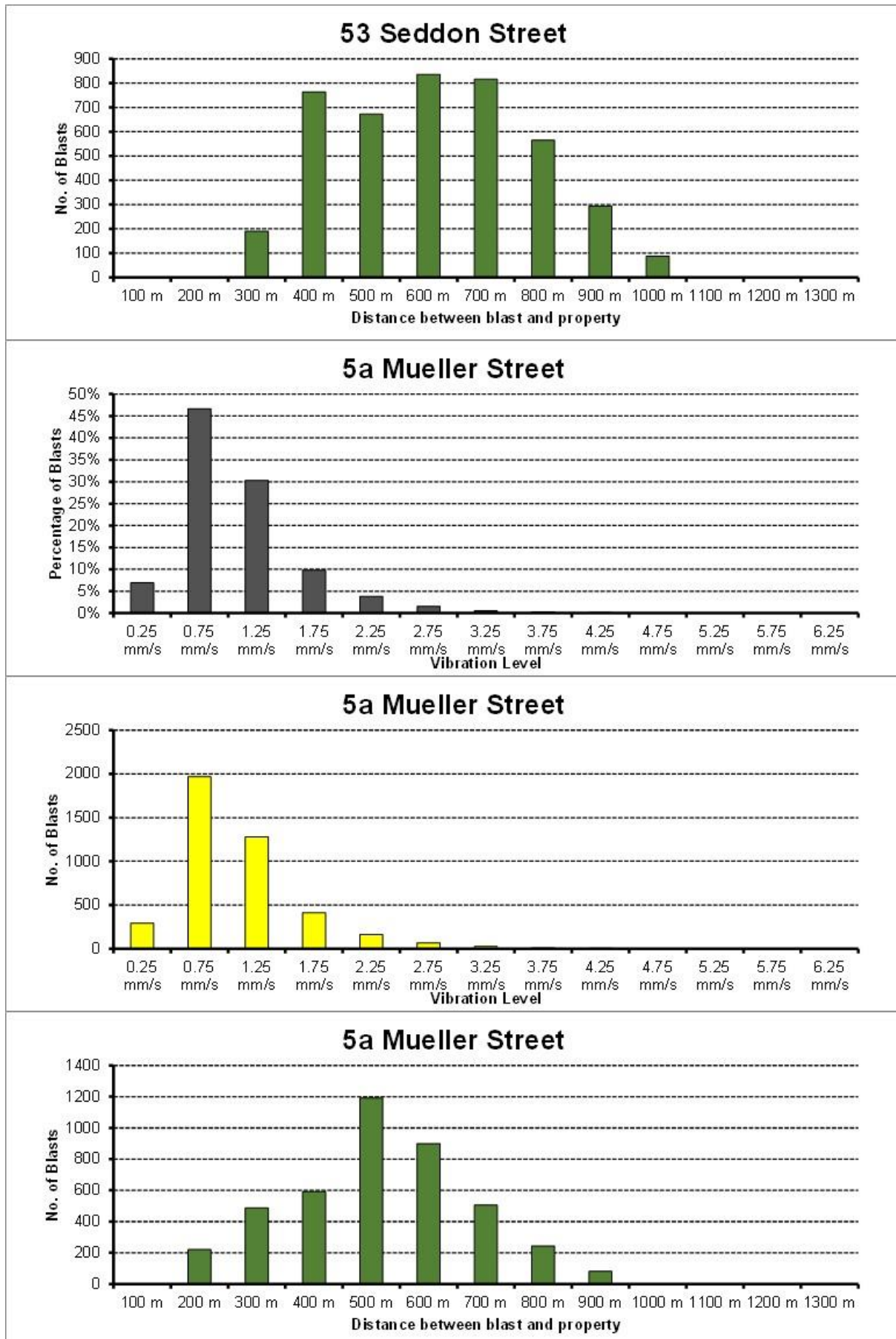




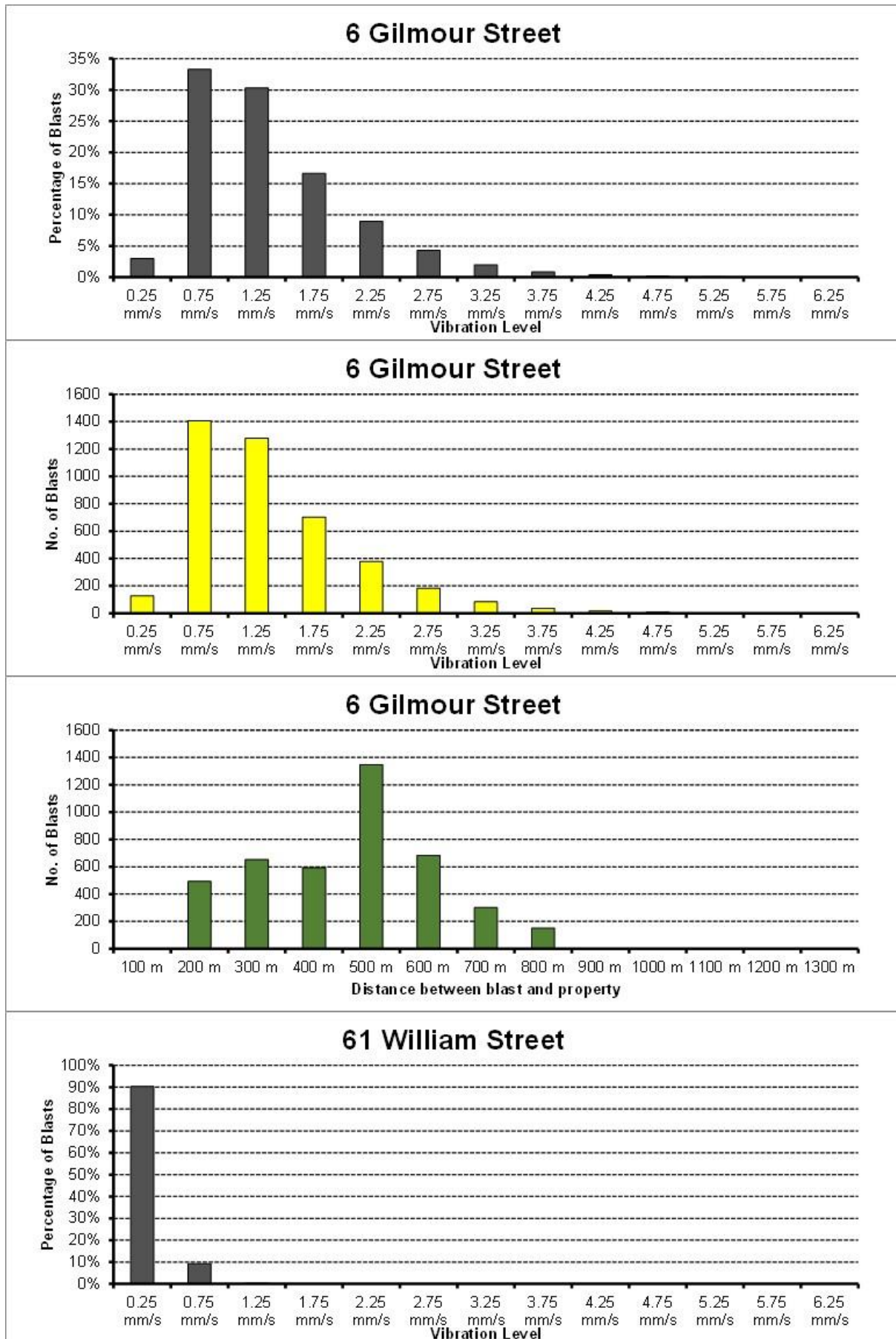




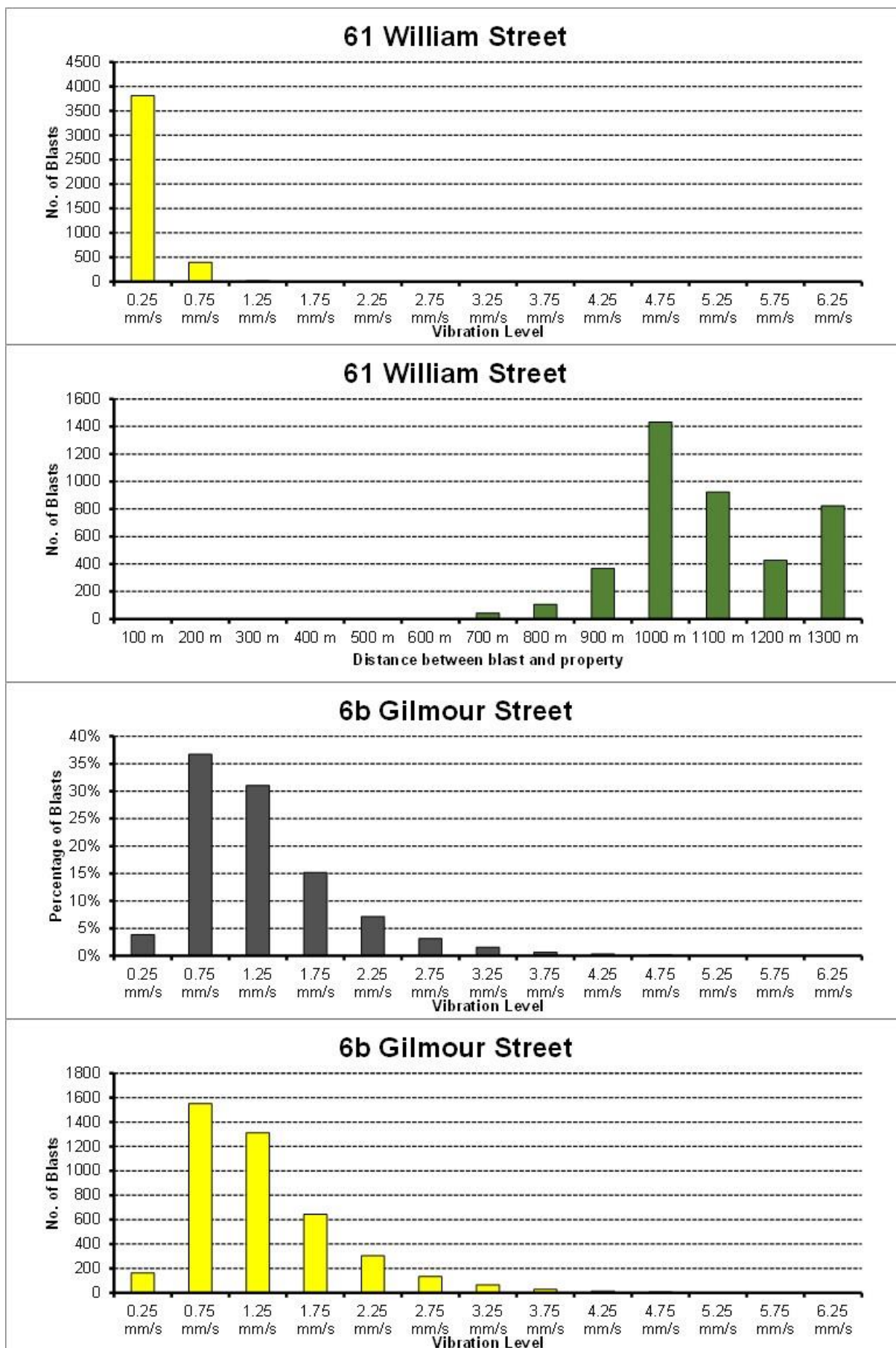


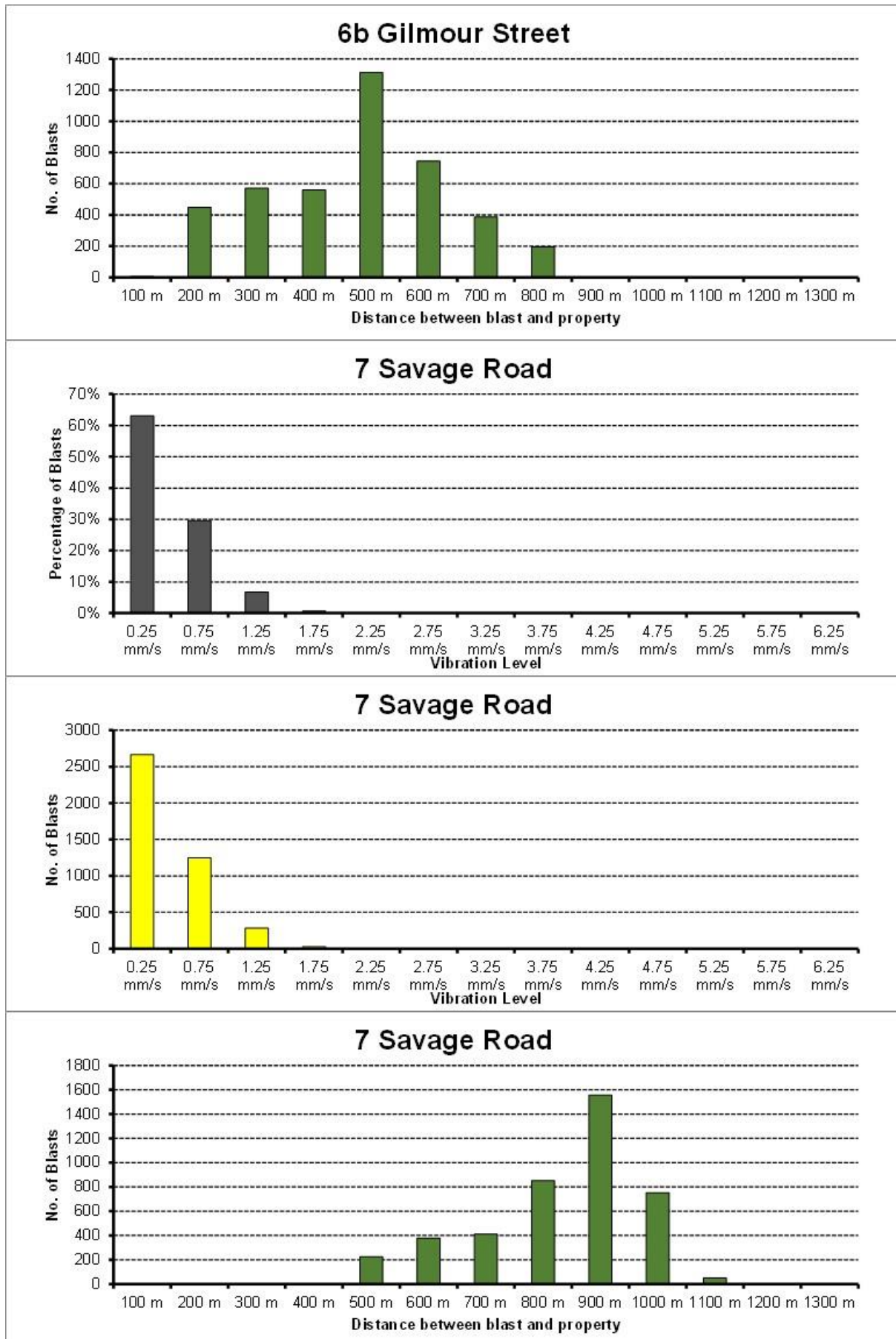




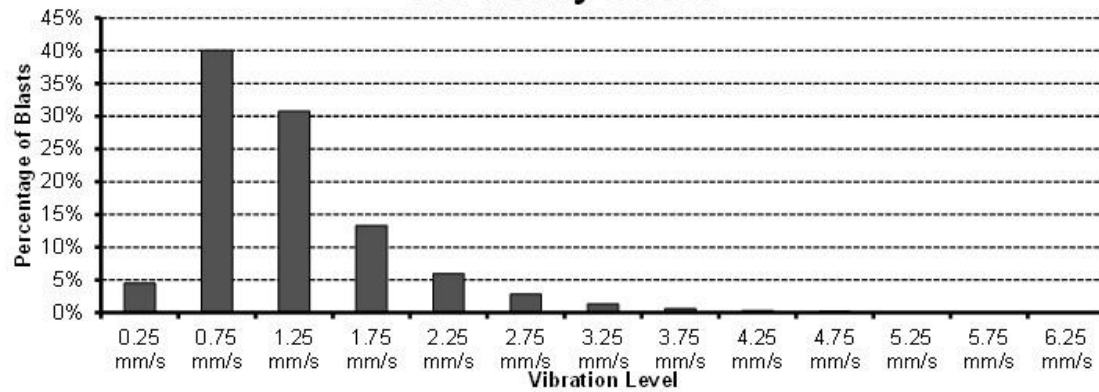




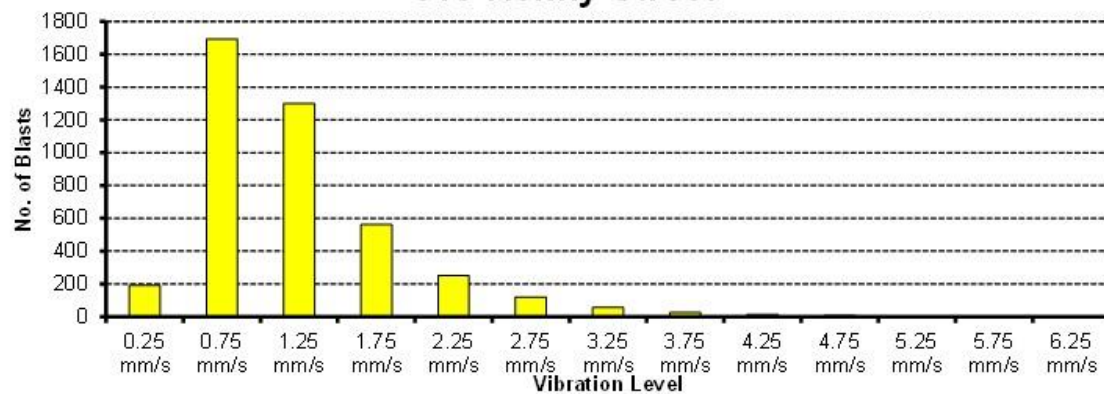




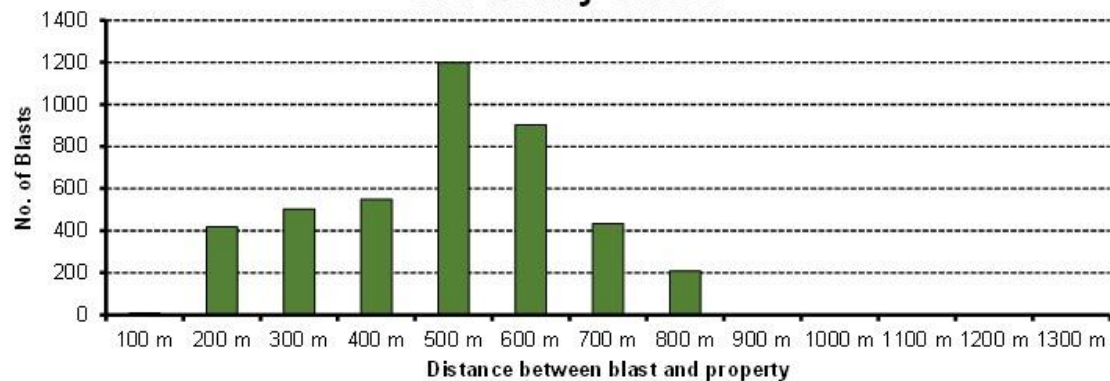
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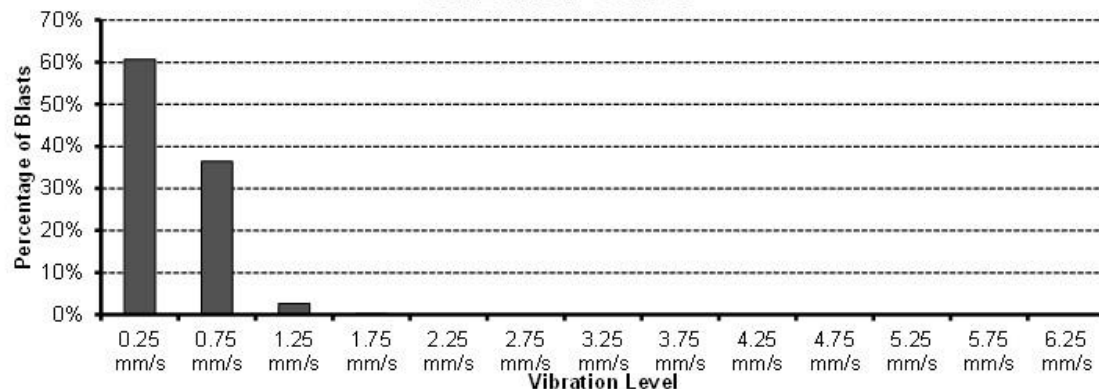
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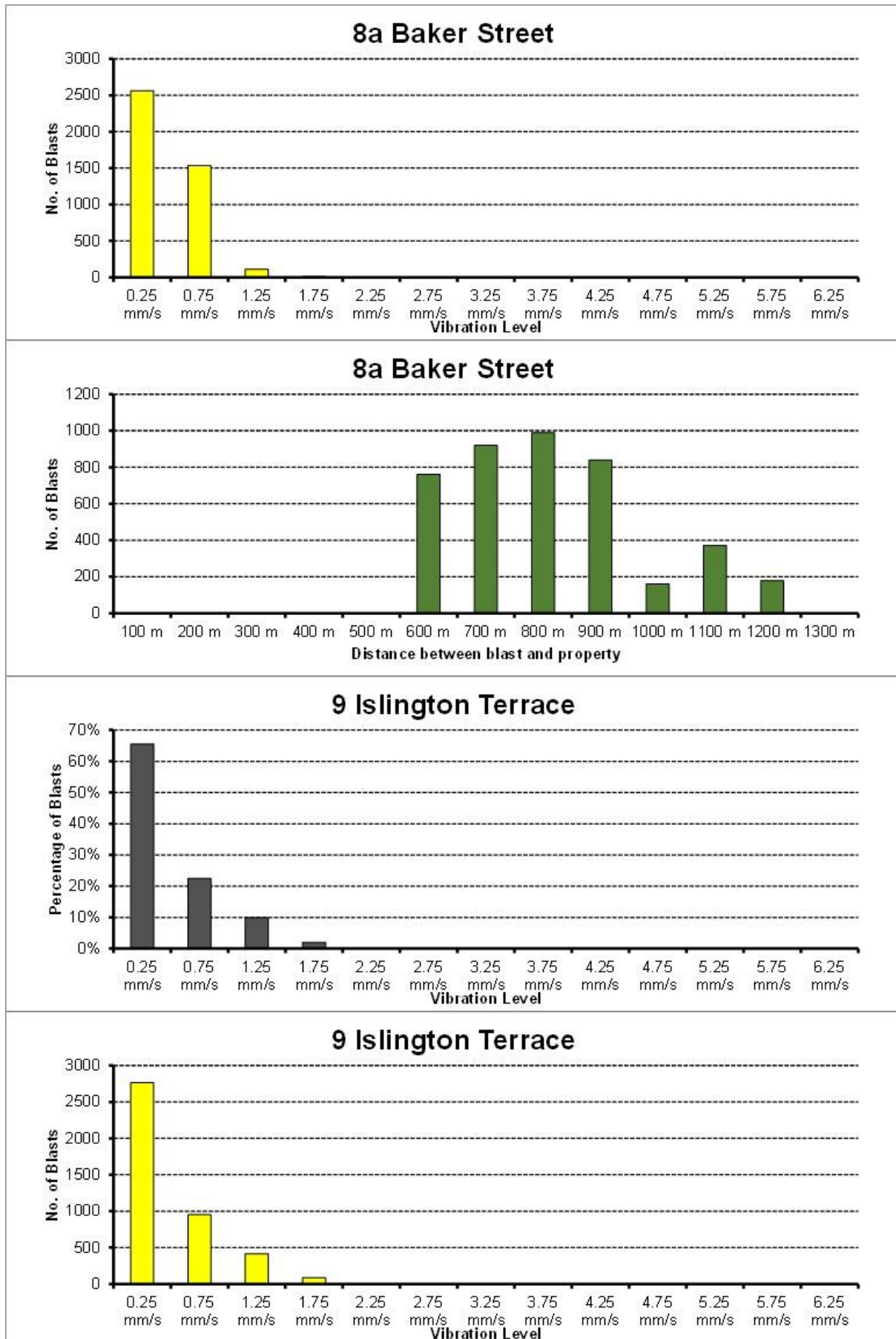
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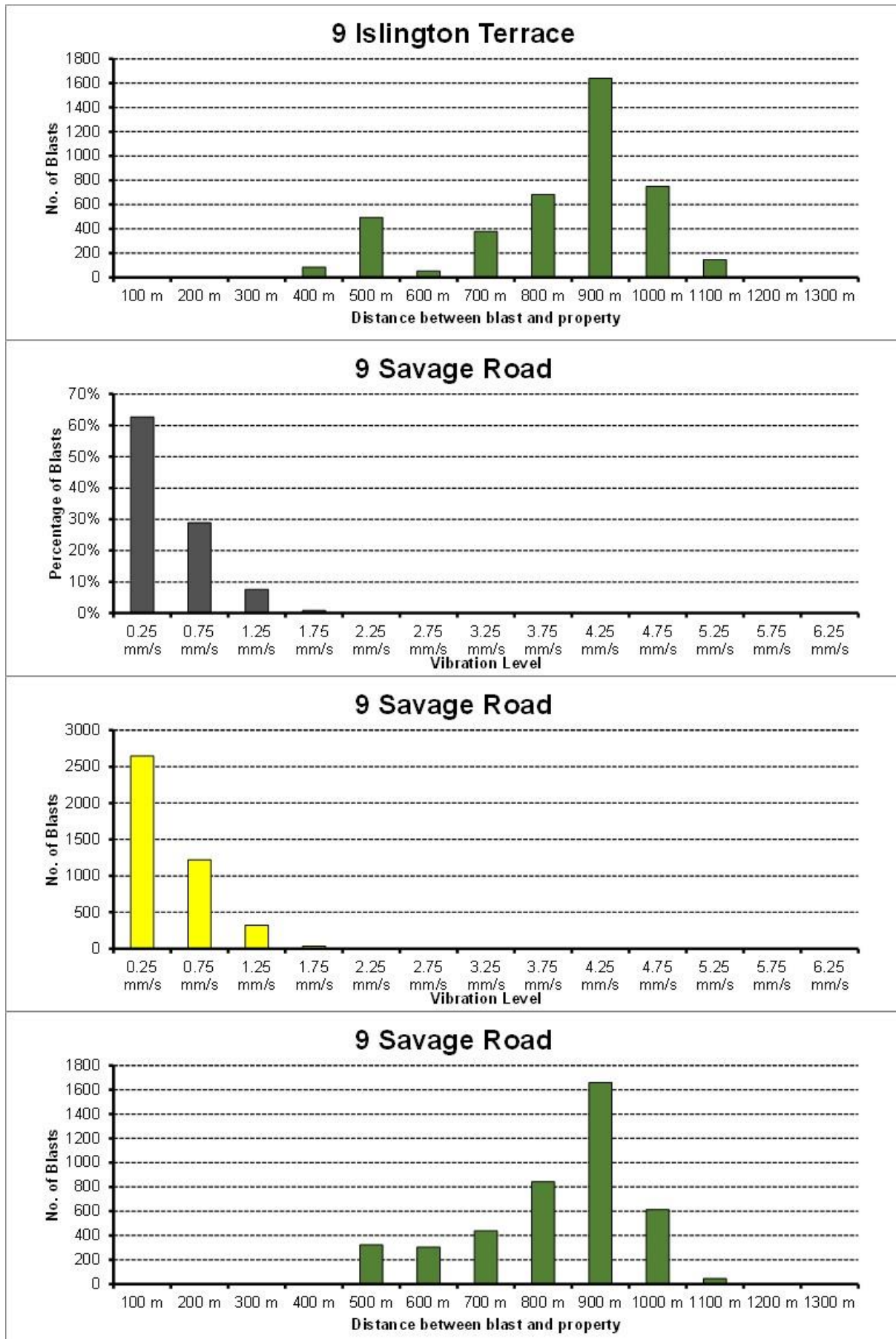
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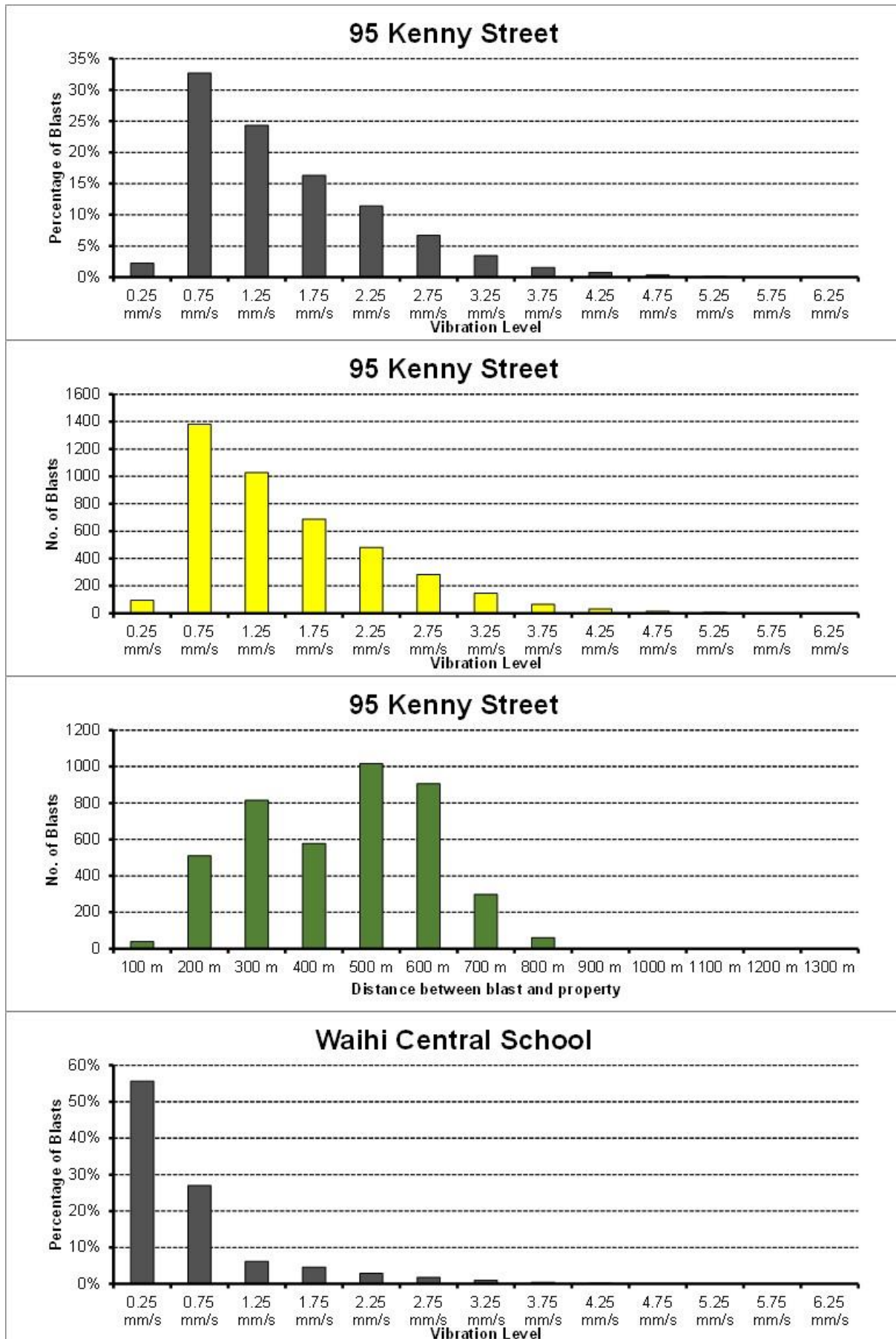


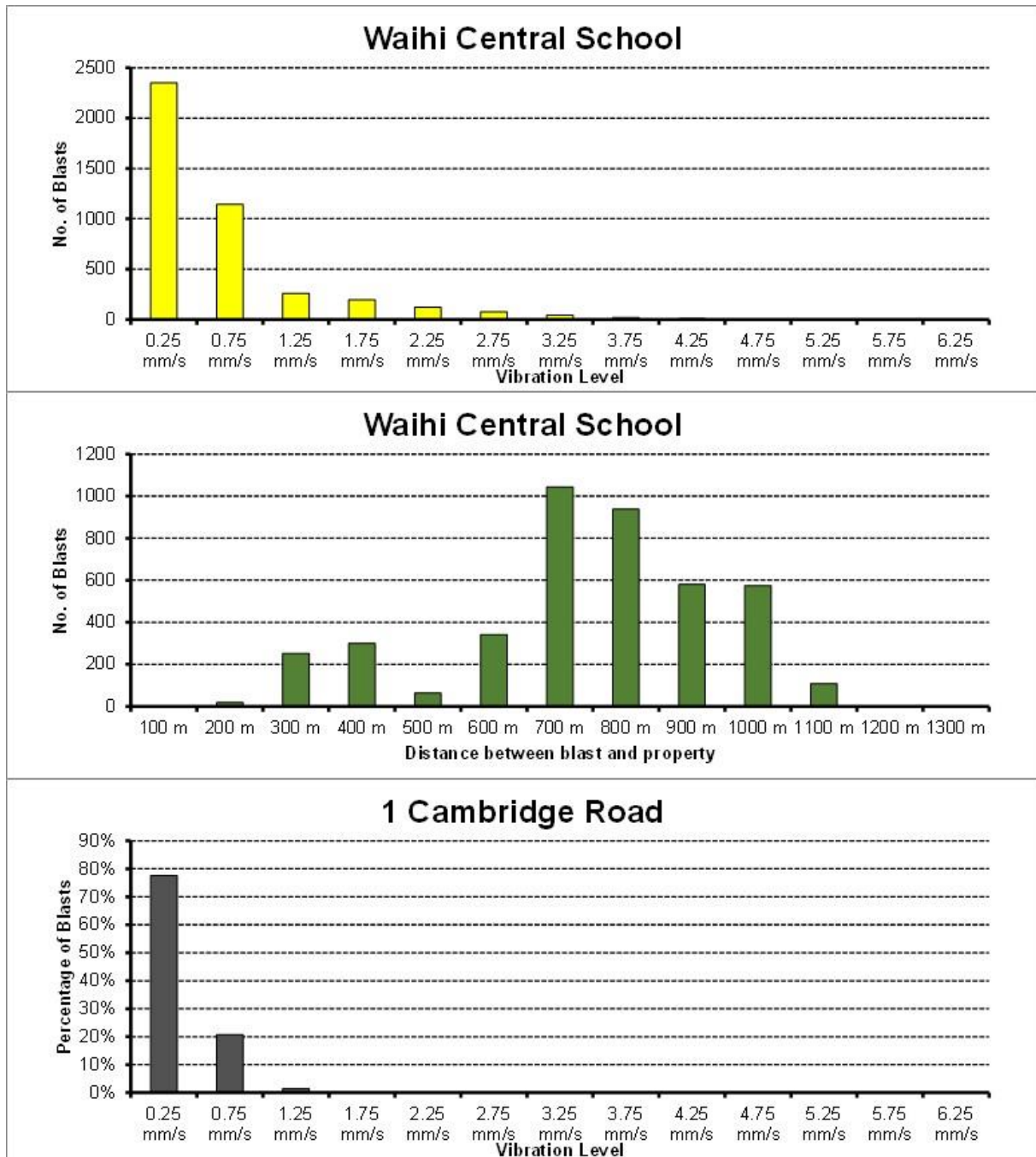


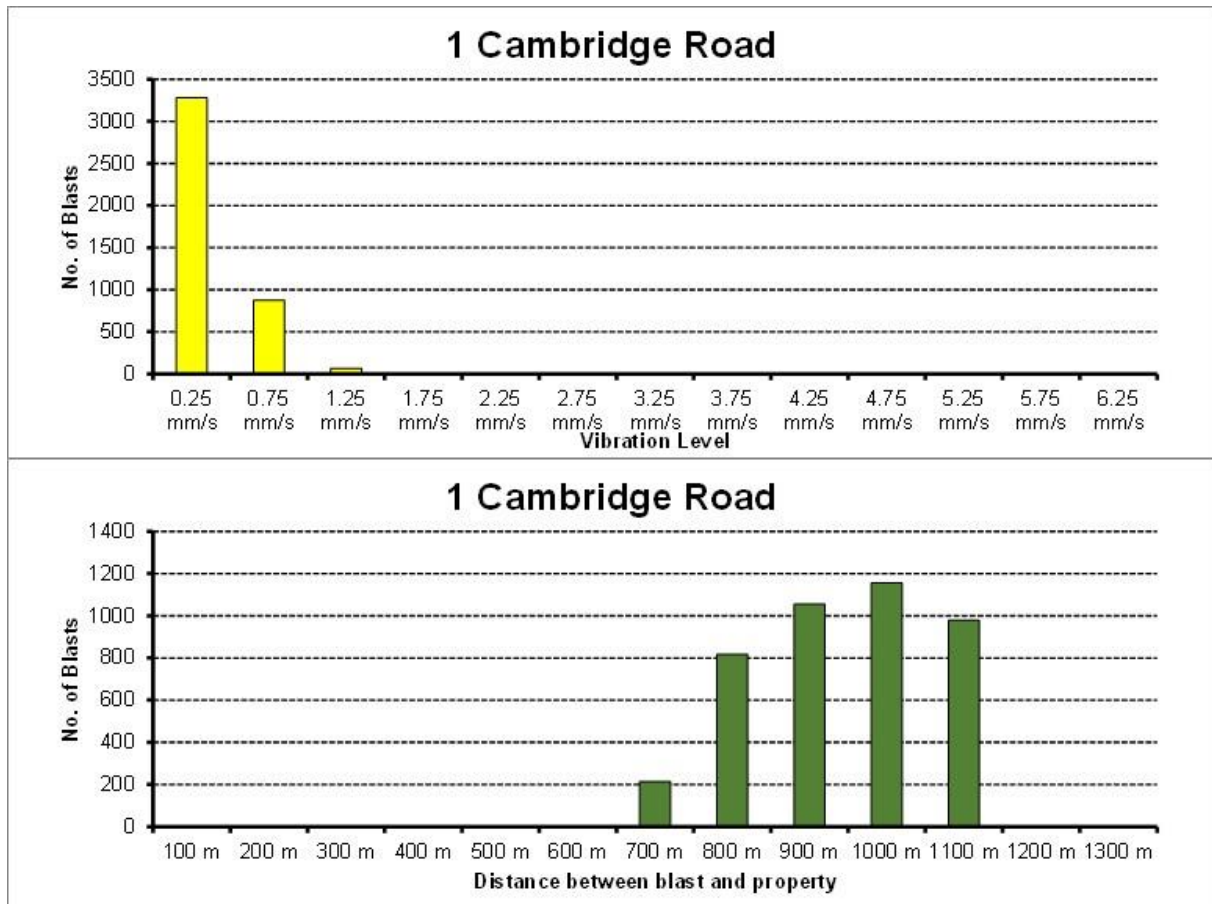






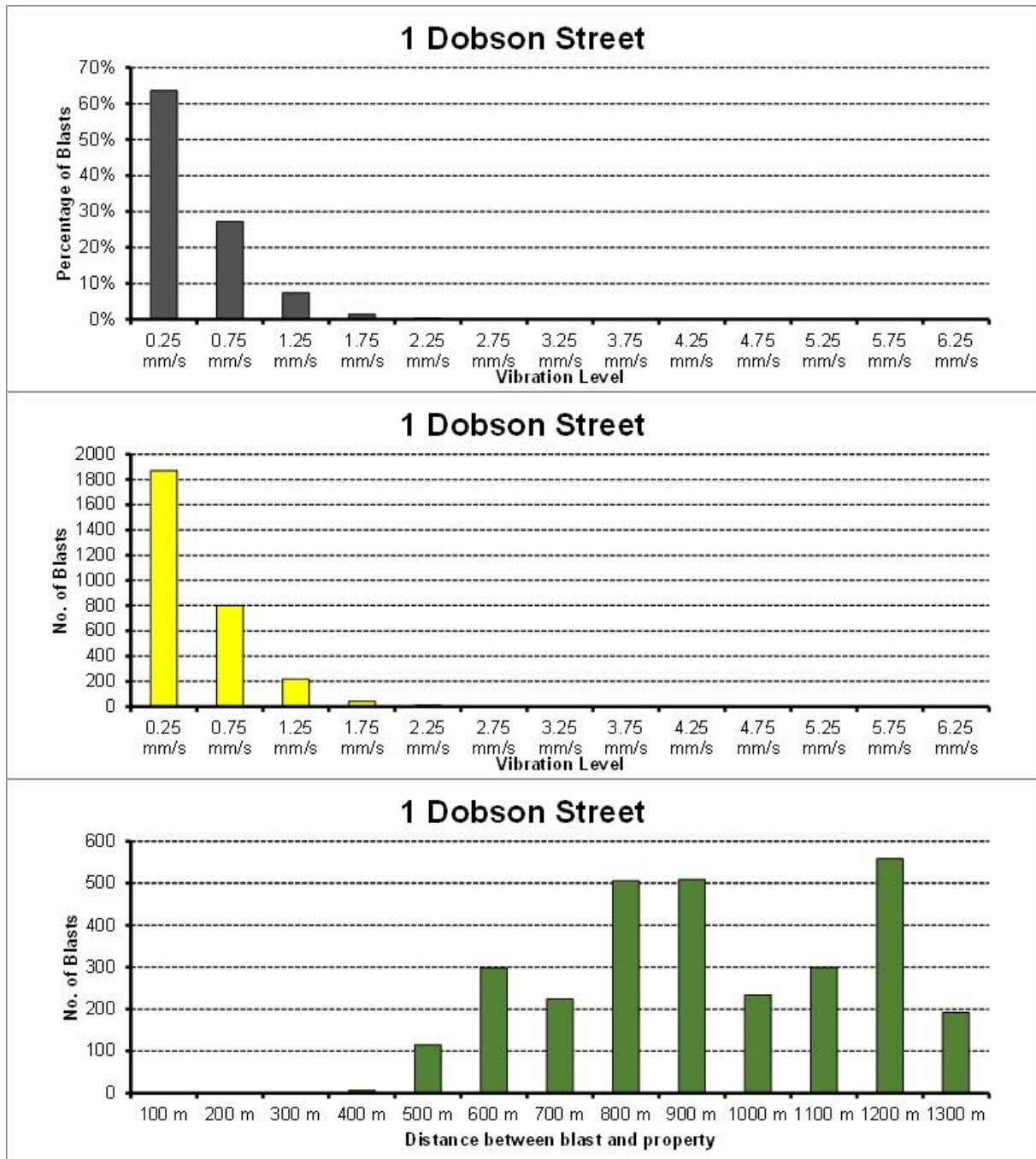


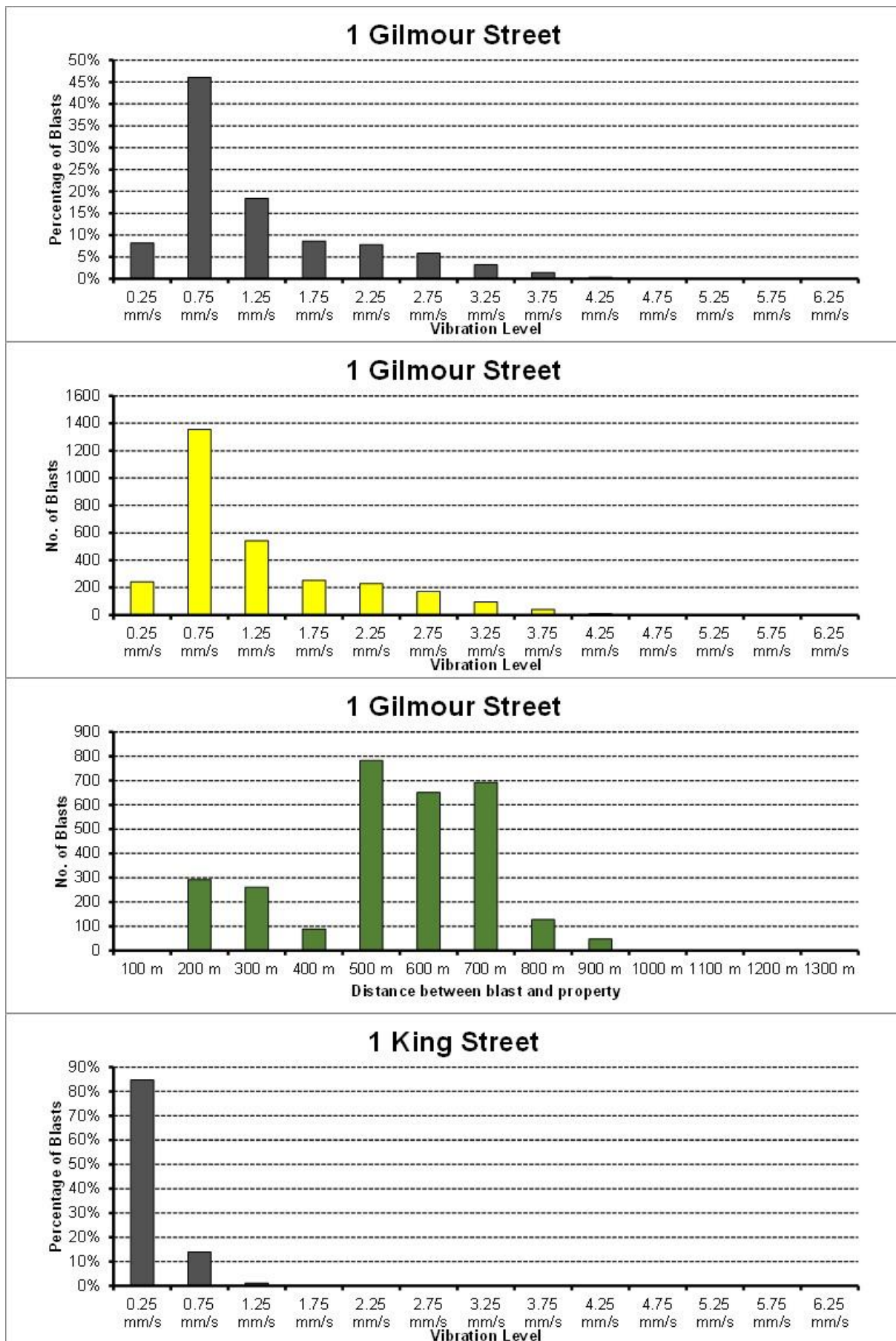


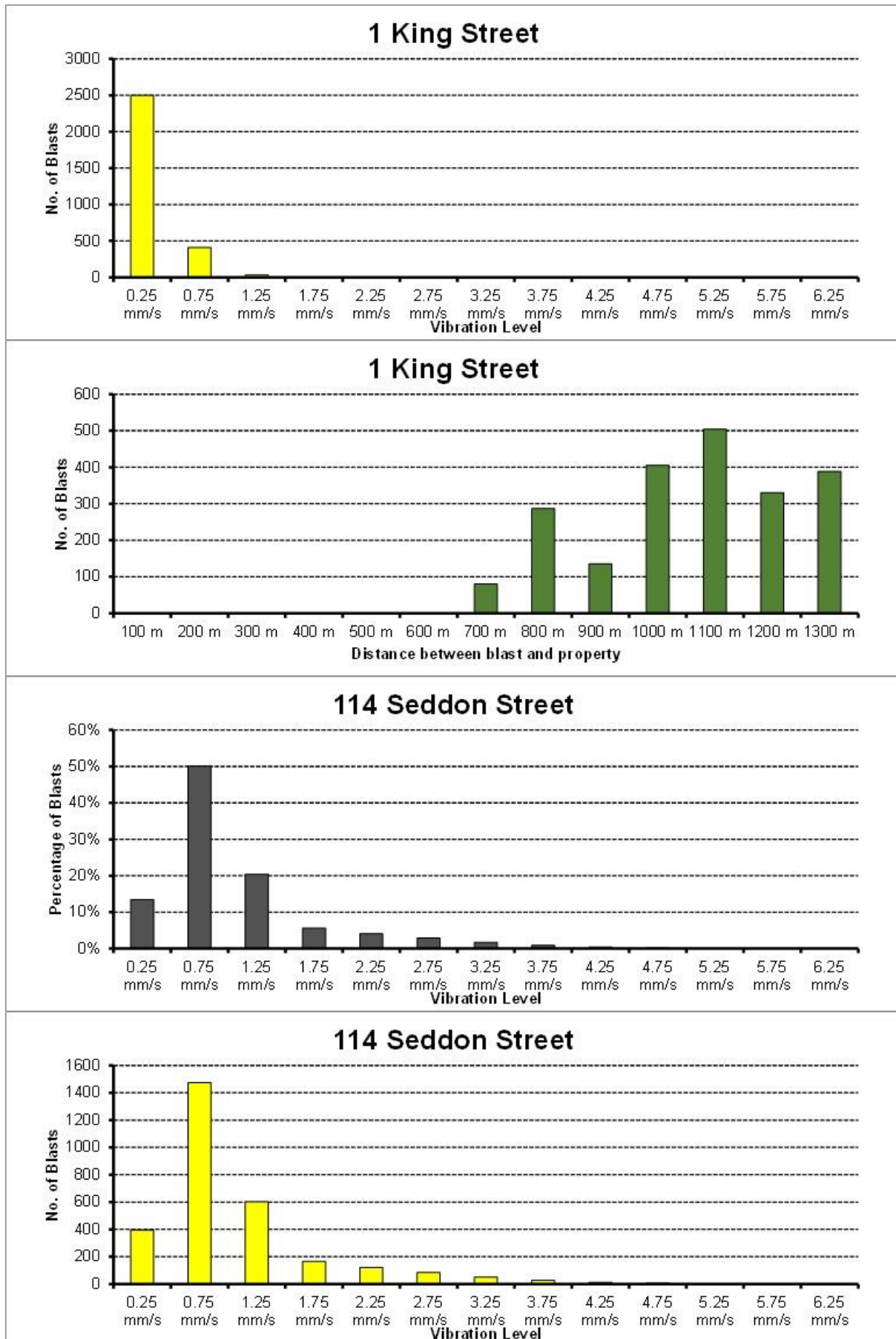




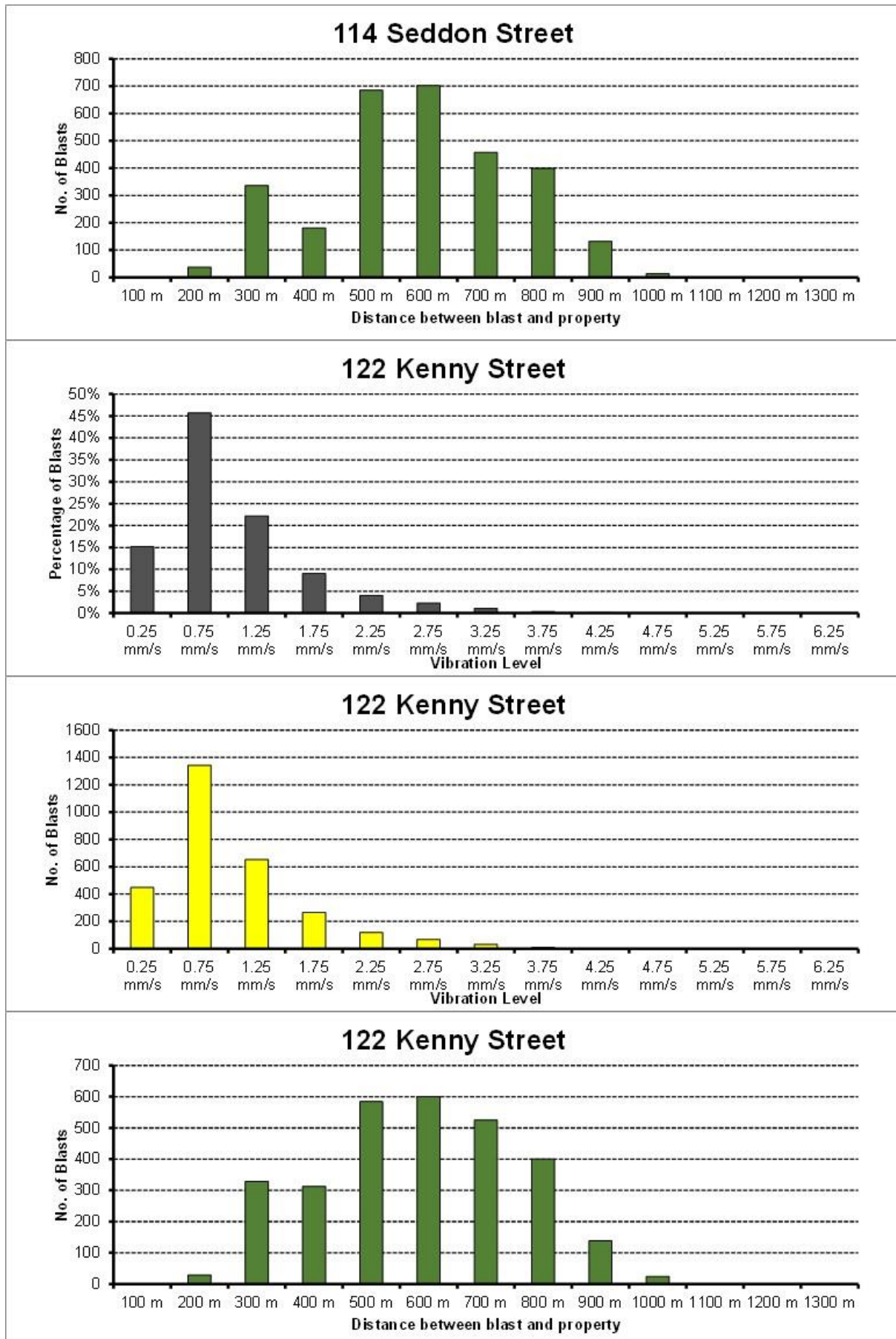
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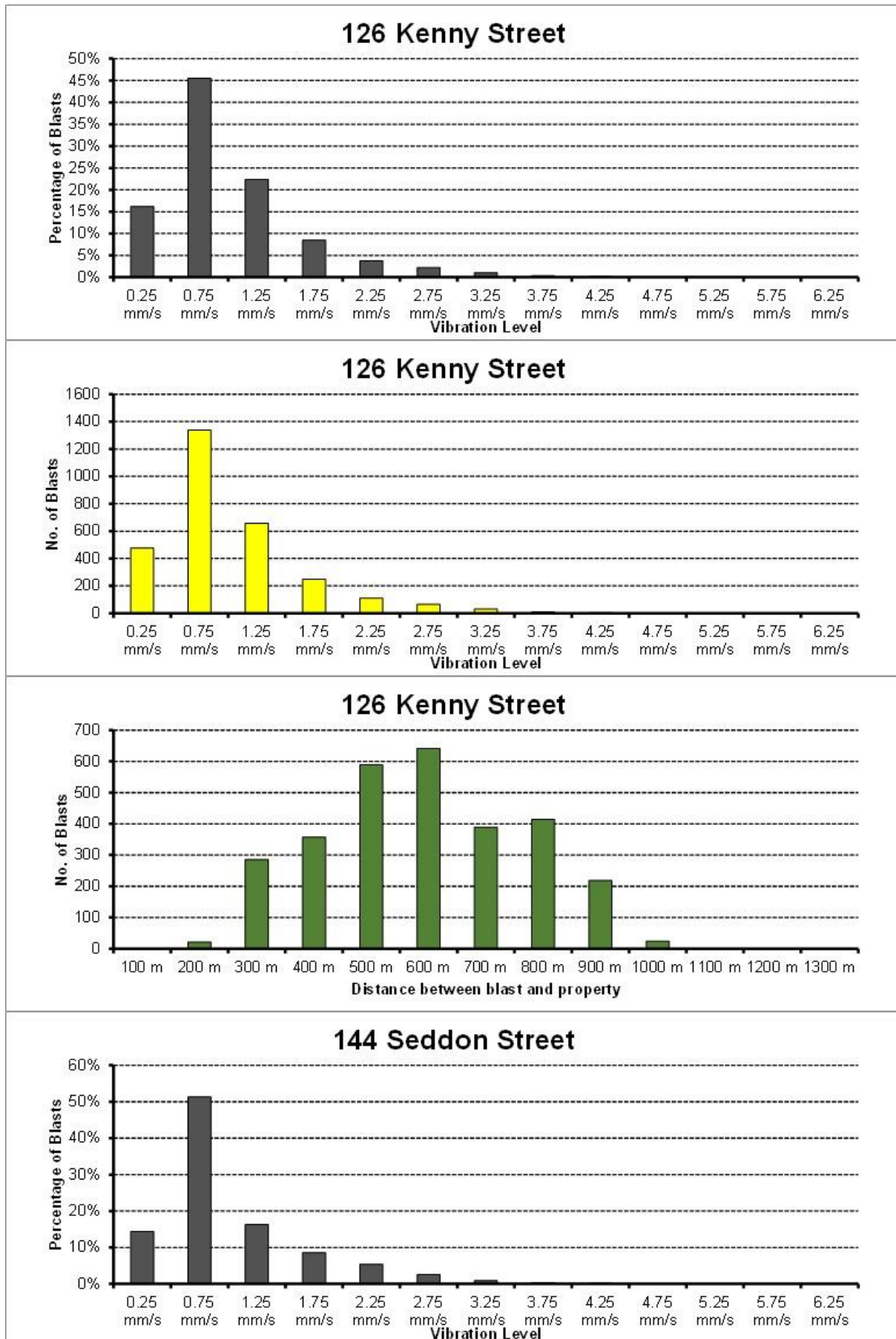


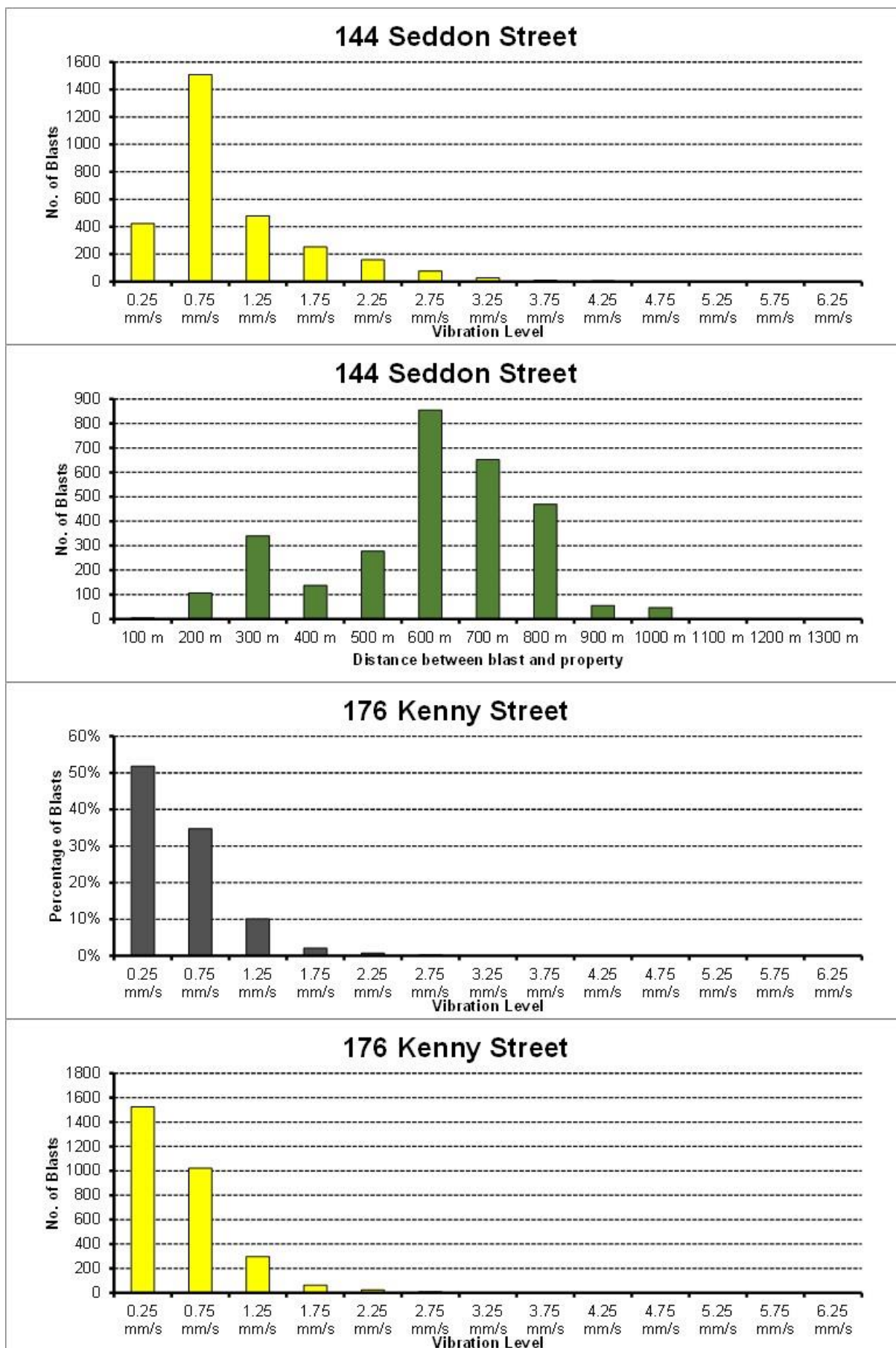




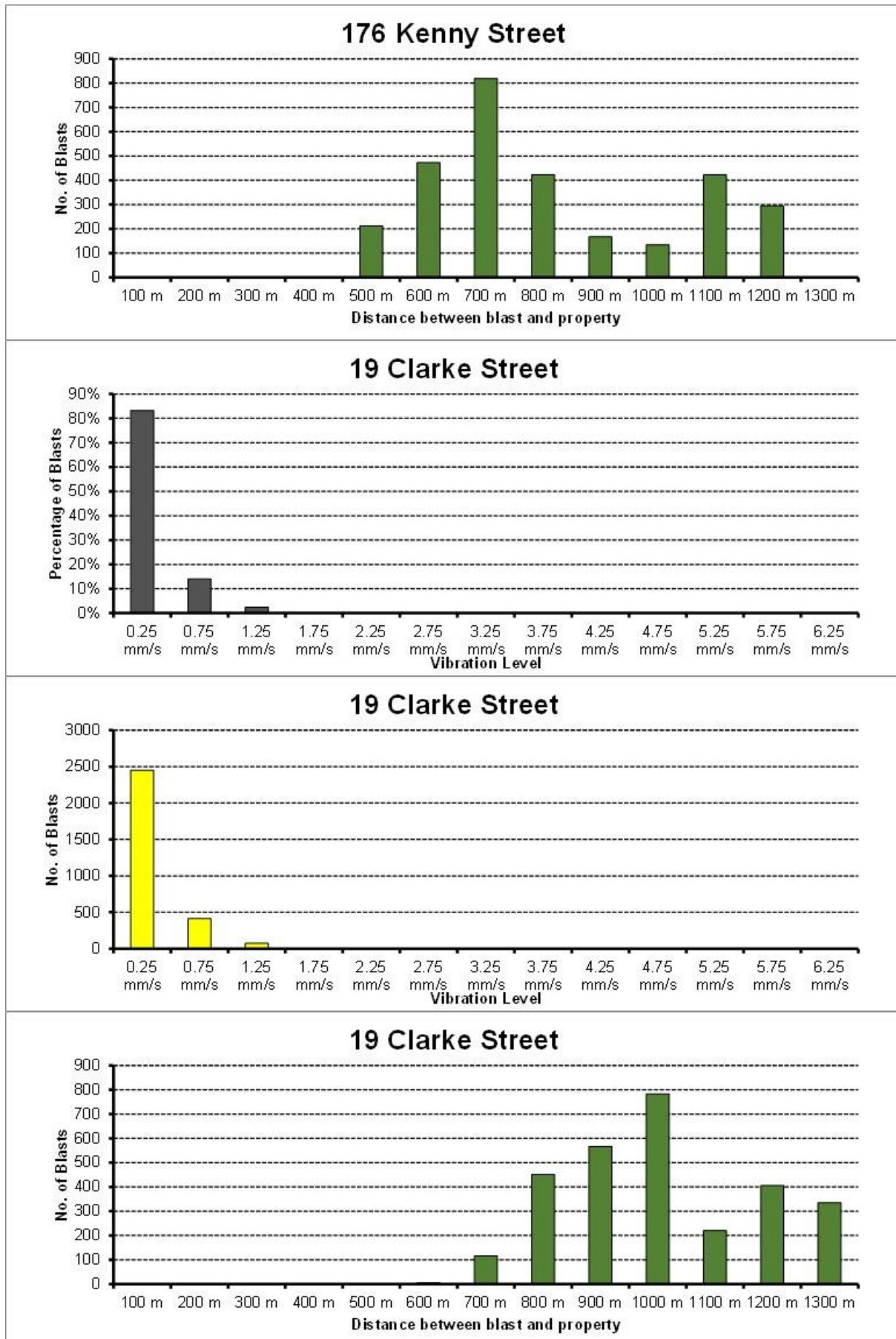




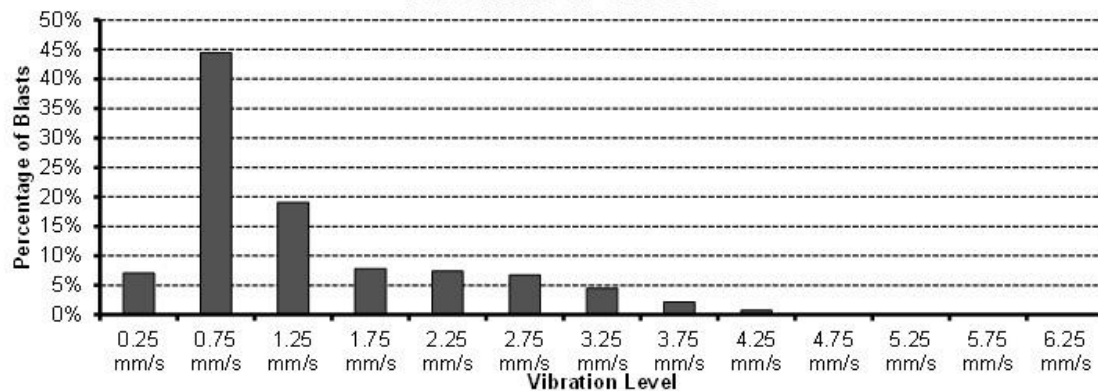




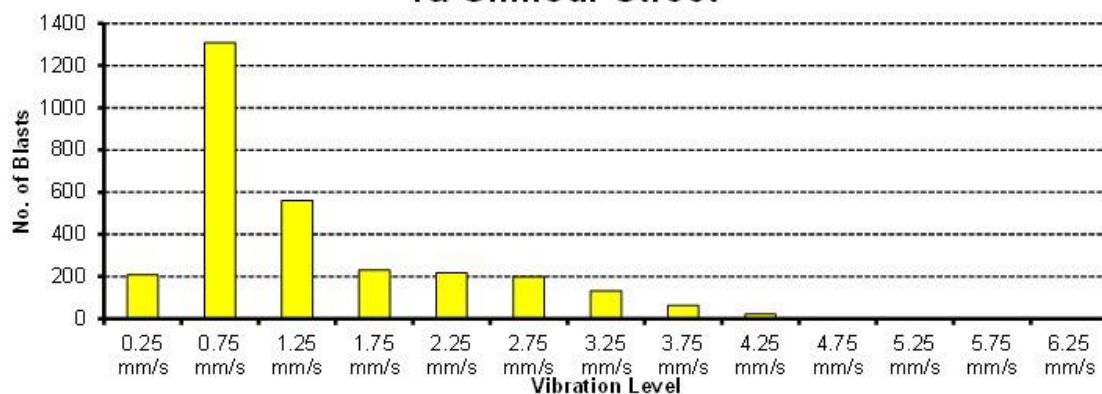




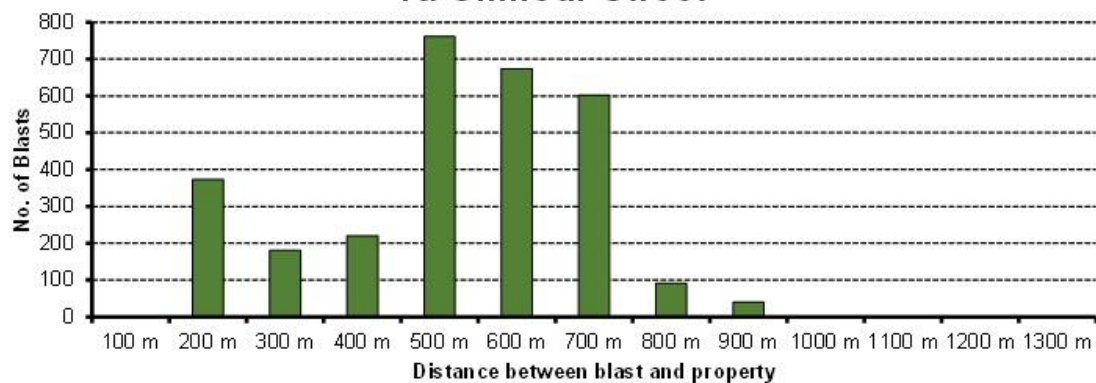
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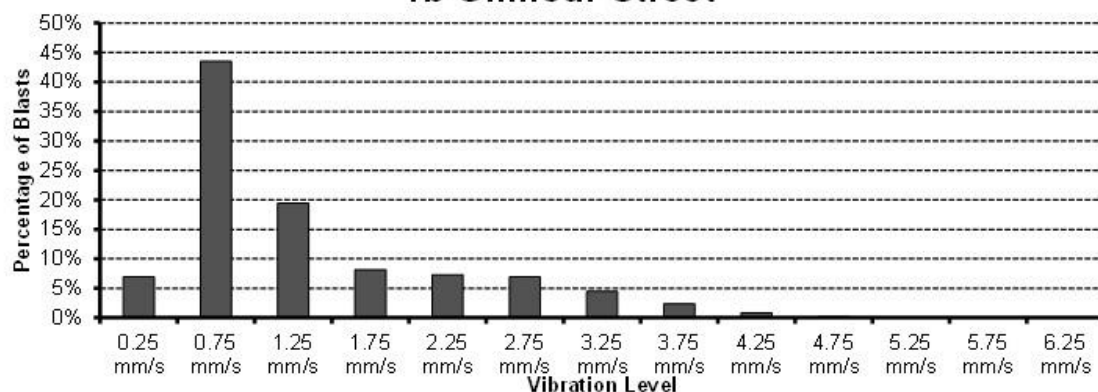
### 1a Gilmour Street

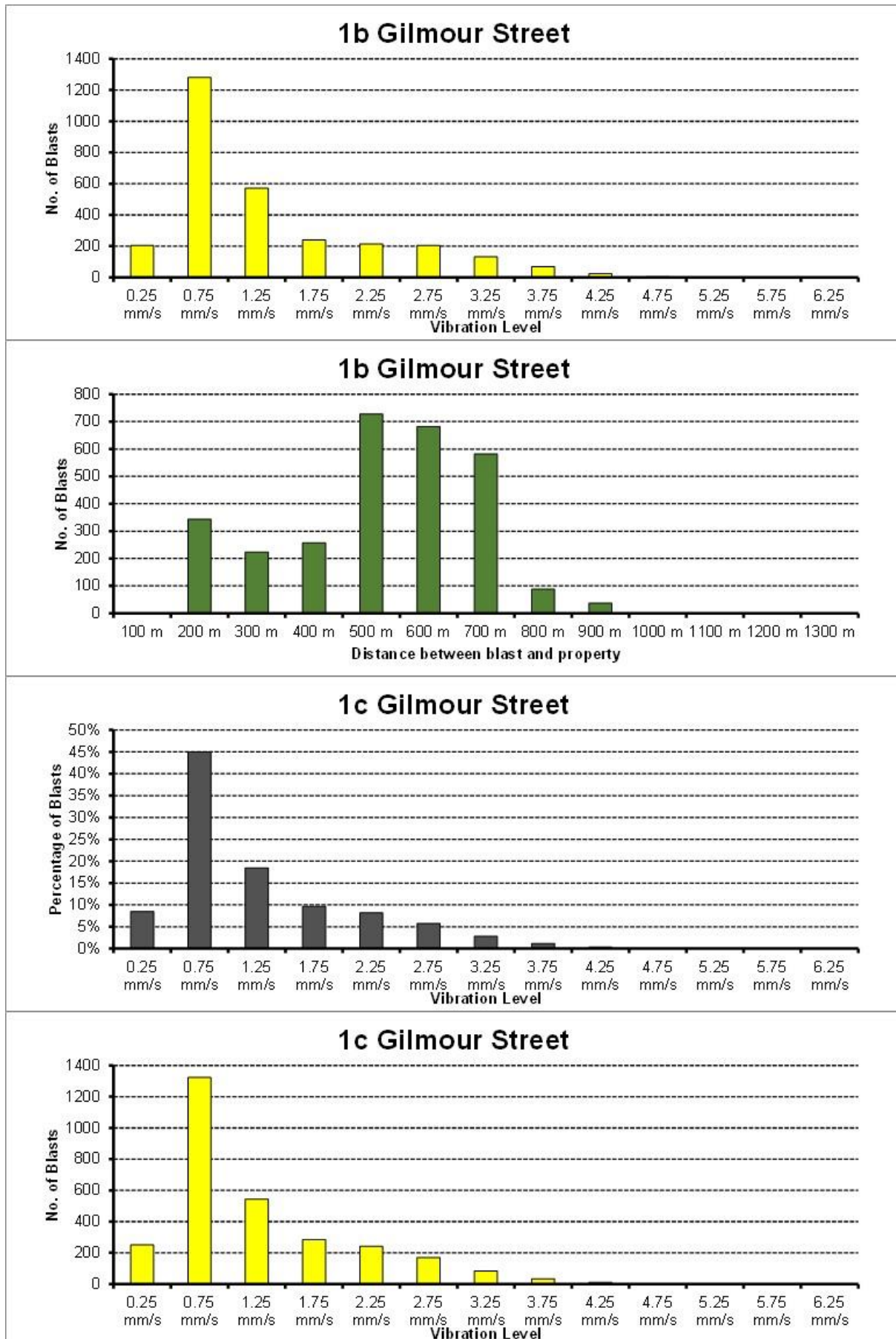


### 1a Gilmour Street

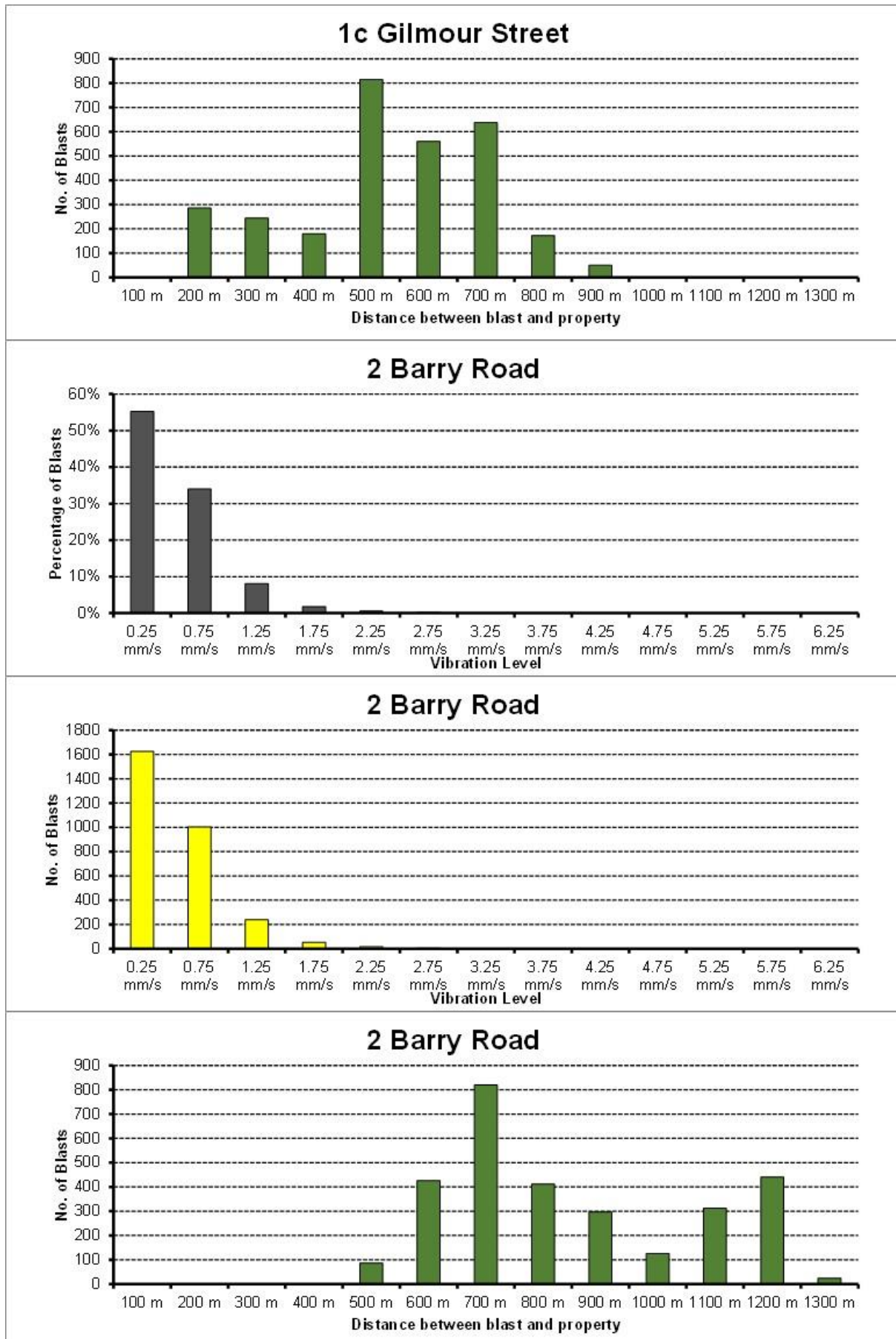


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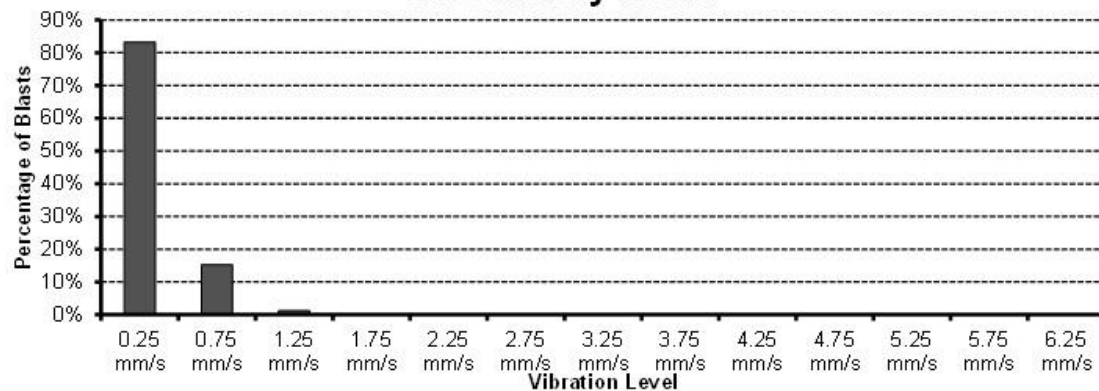




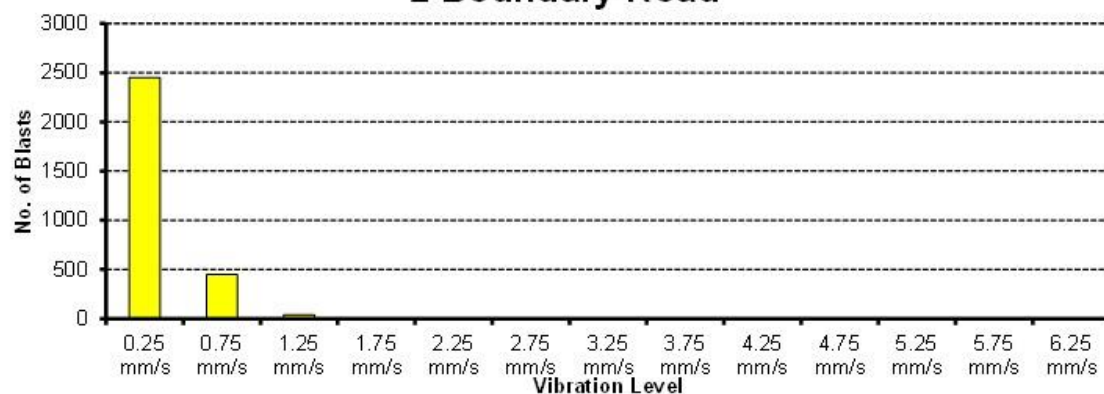




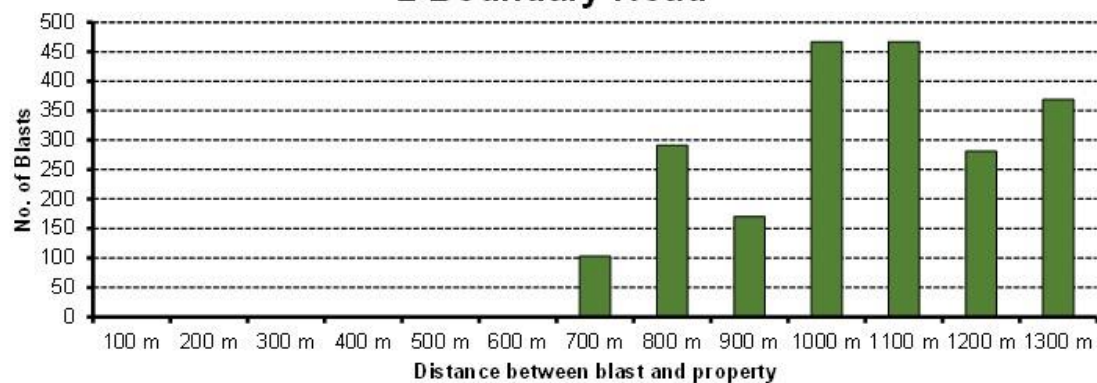
## 2 Boundary Road



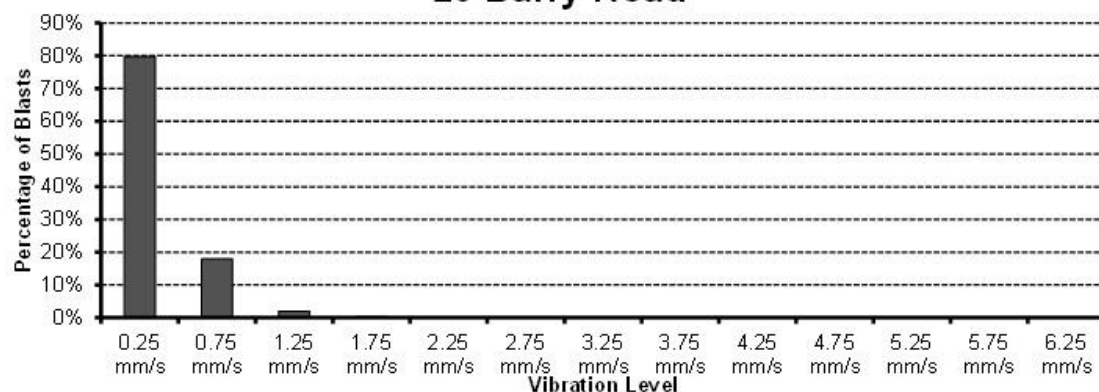
## 2 Boundary Road

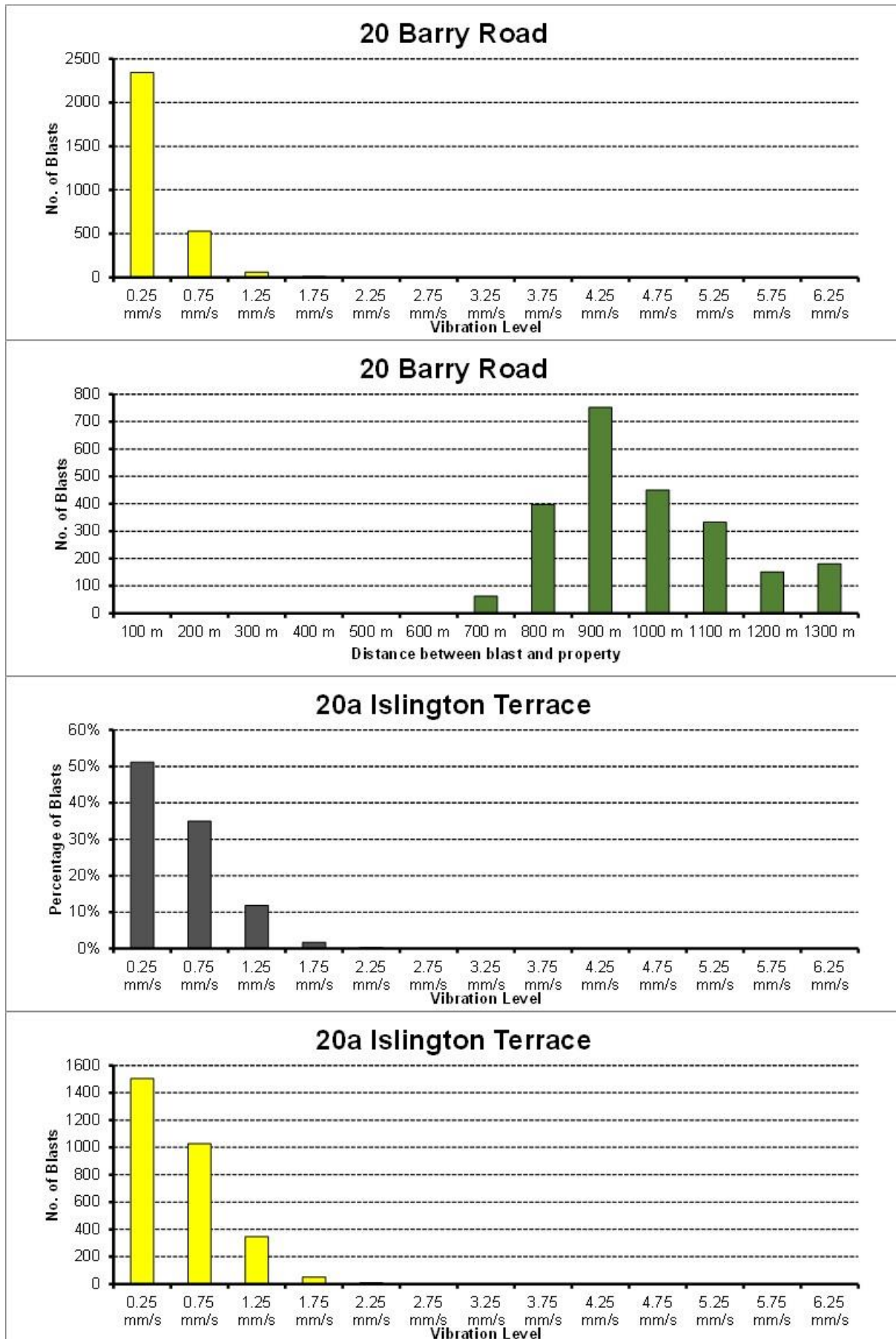


## 2 Boundary Road

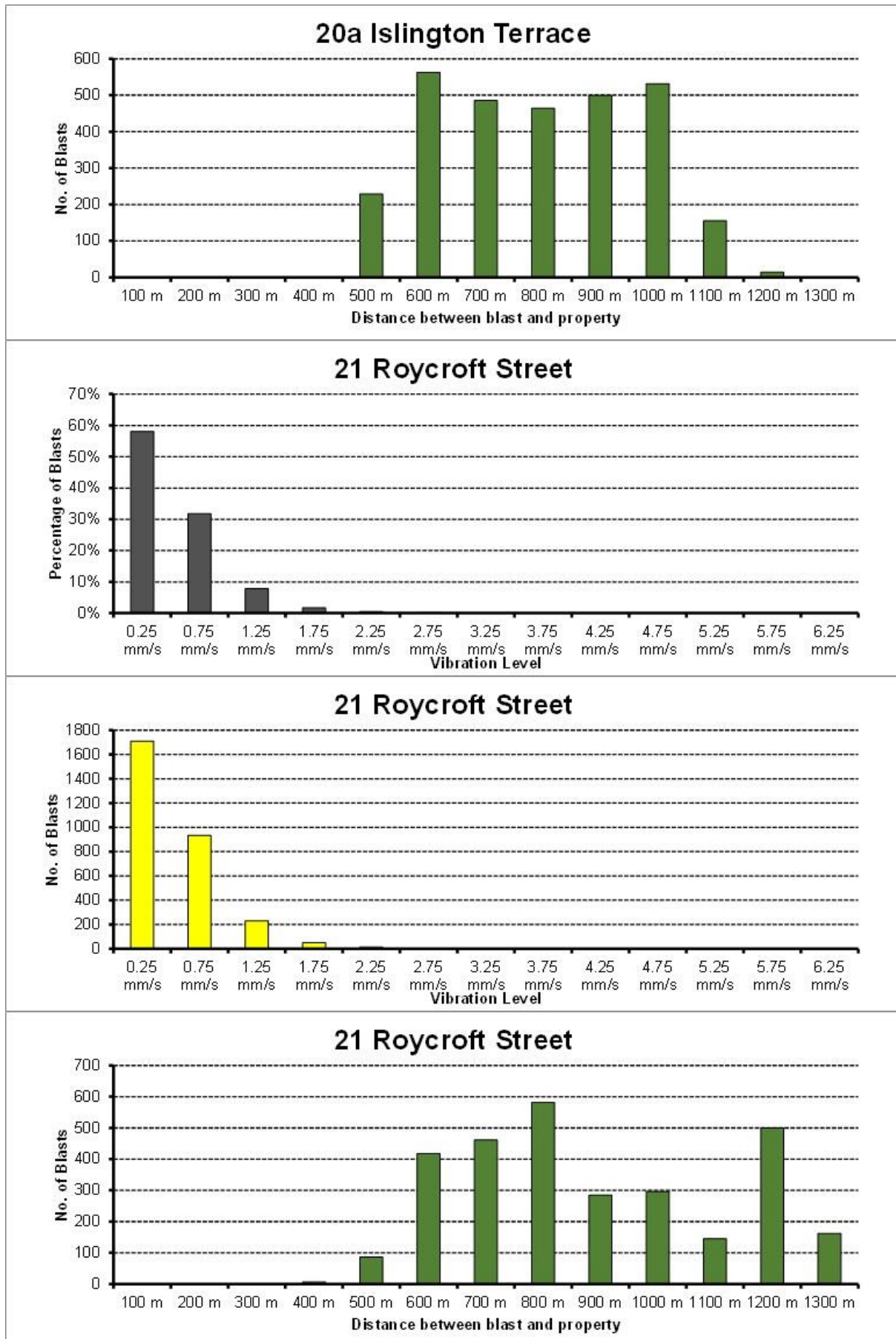


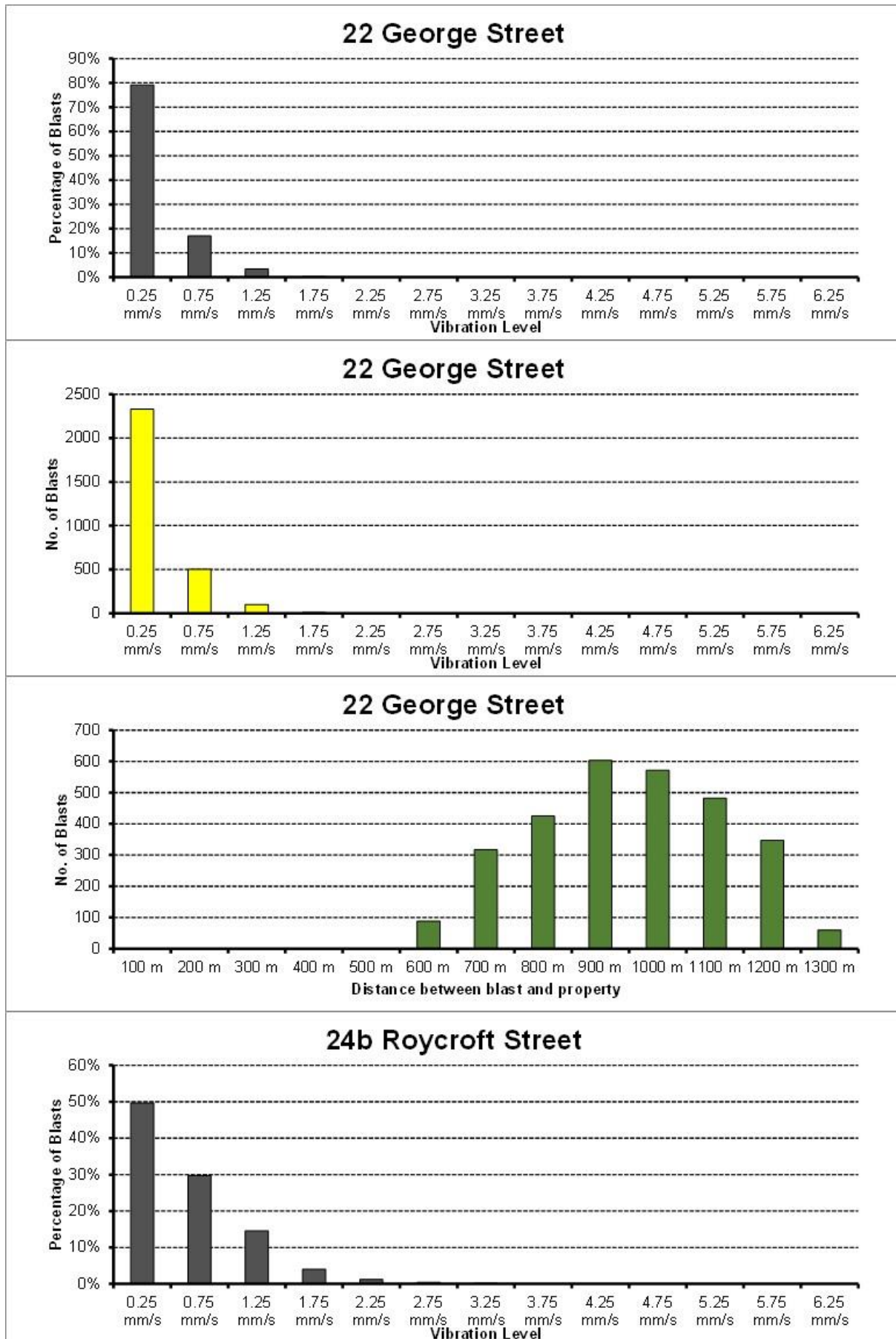
## 20 Barry Road

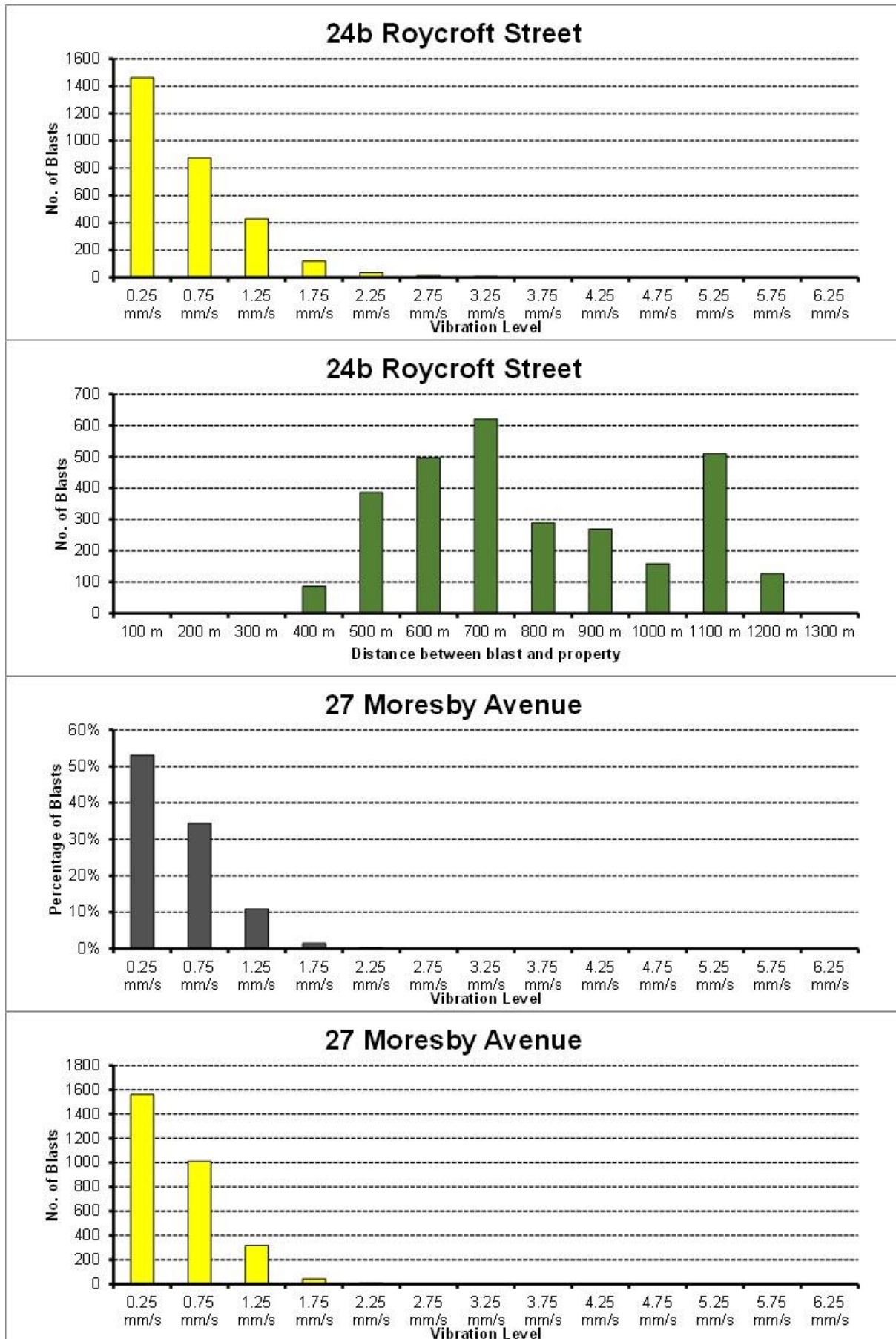




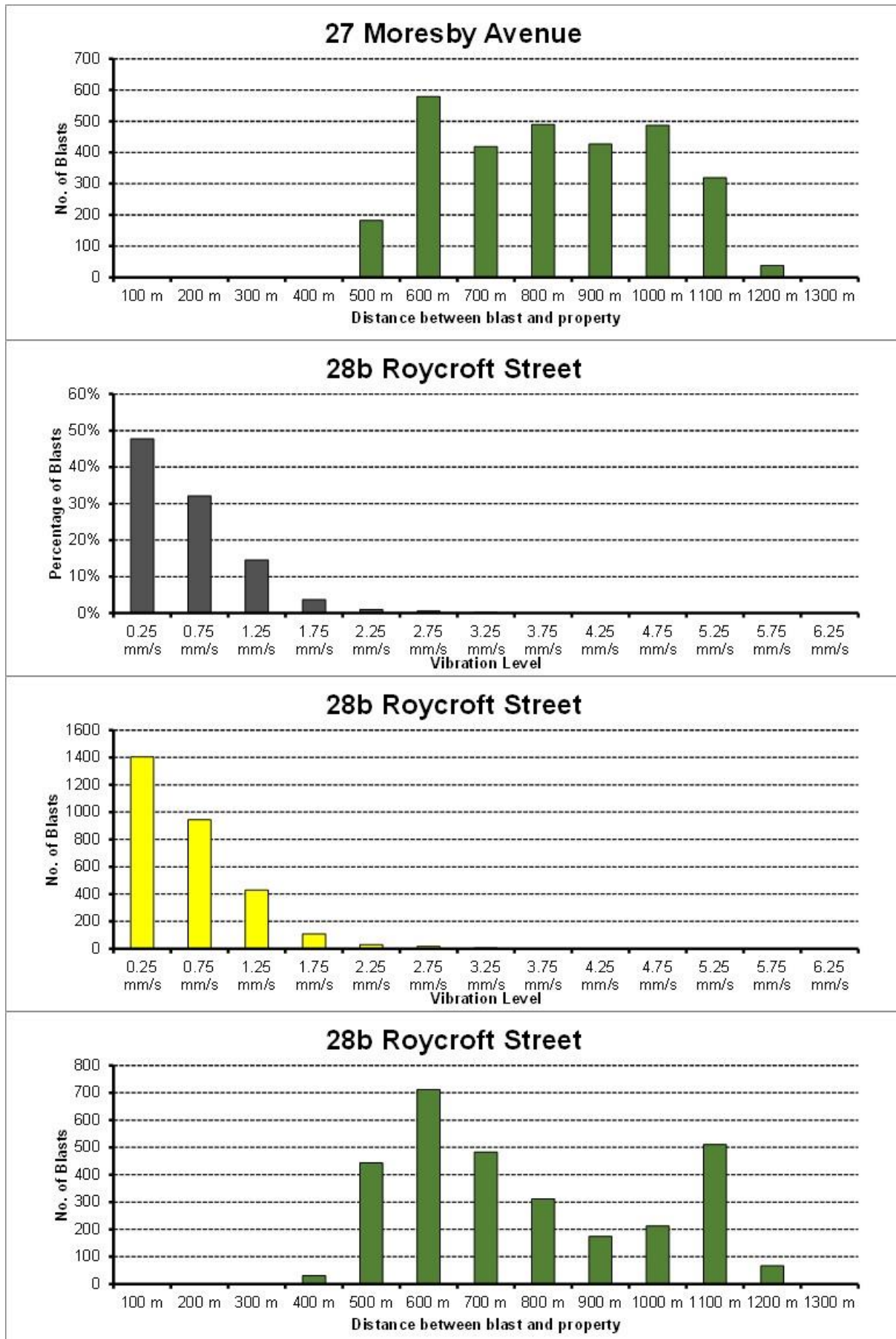


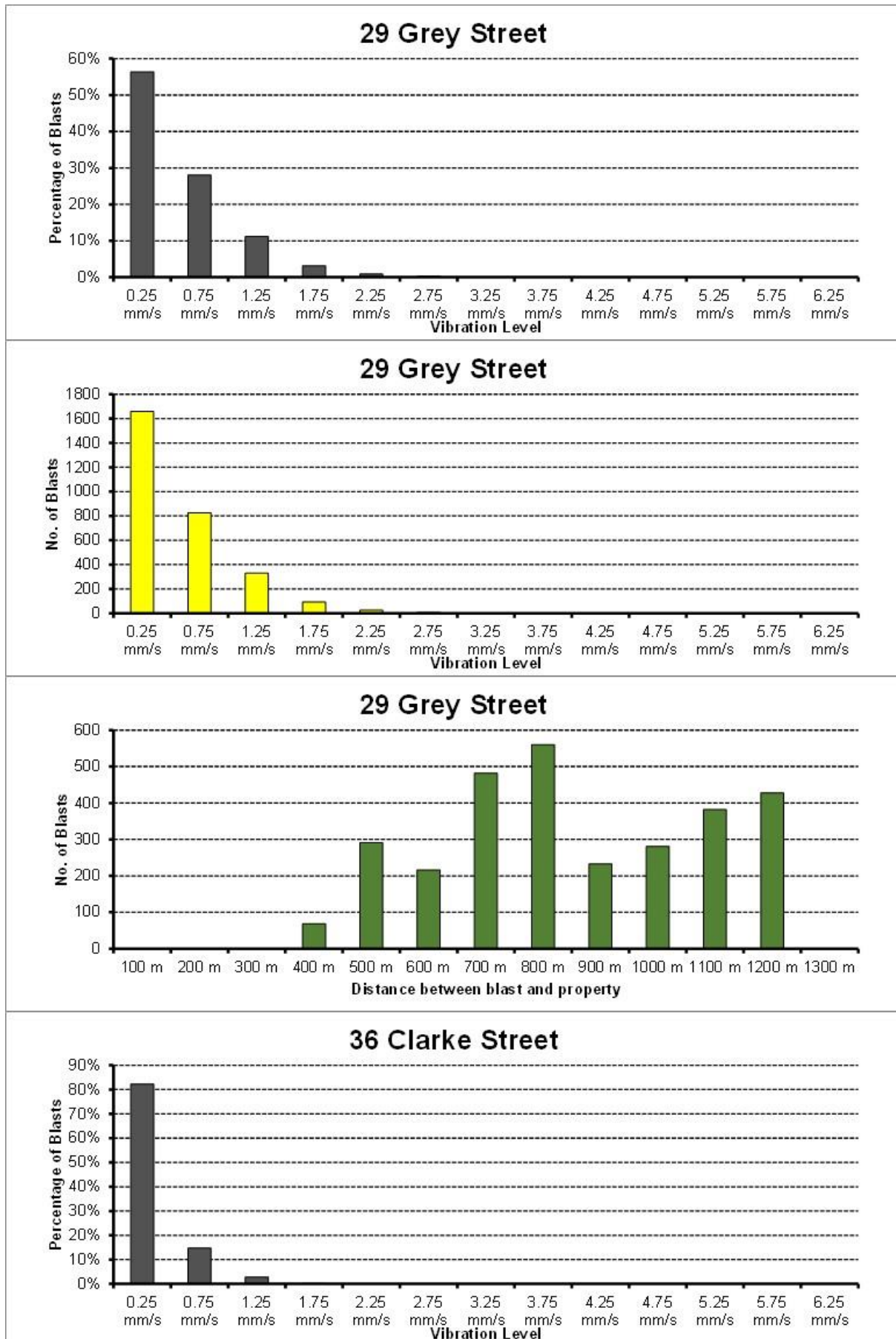






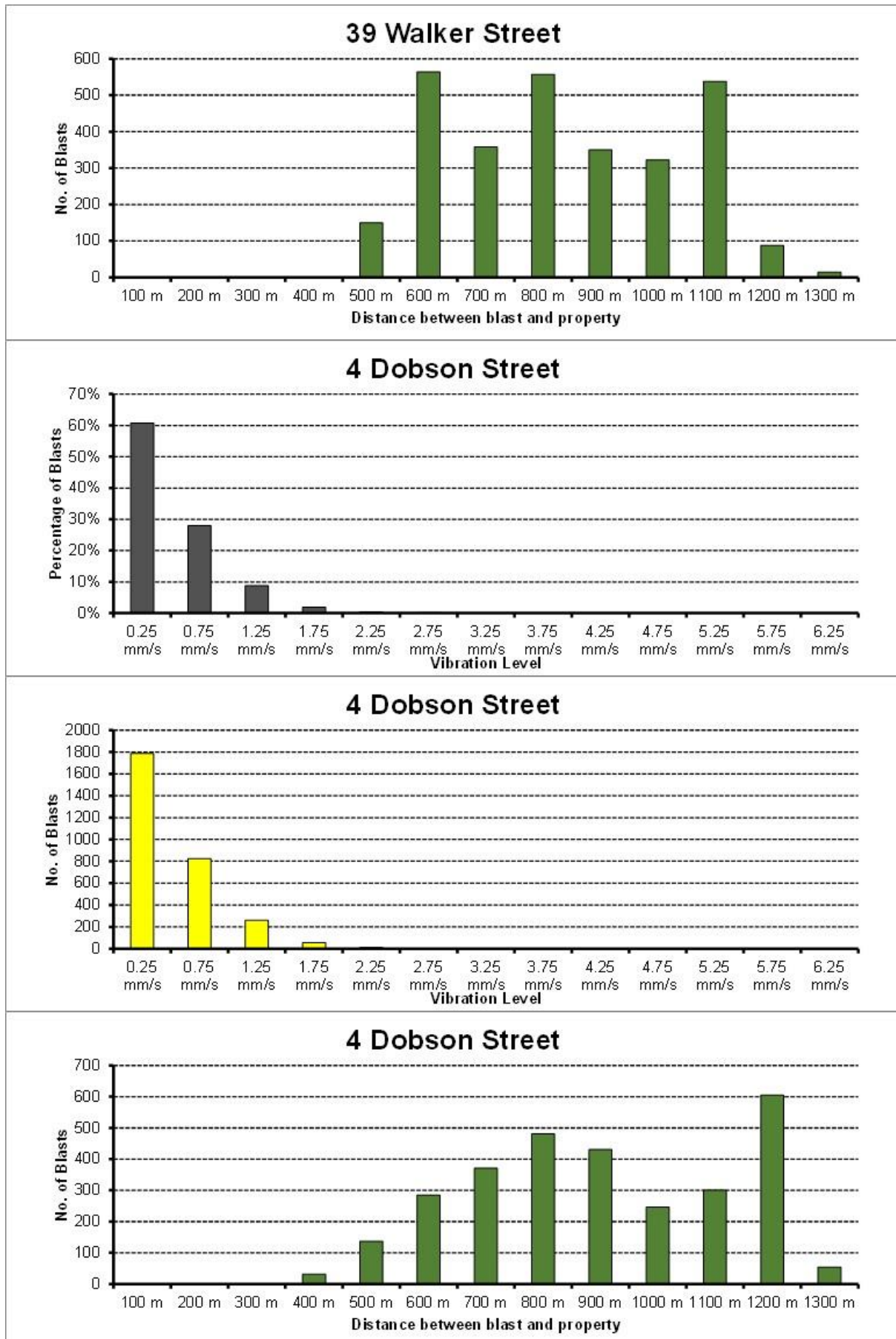


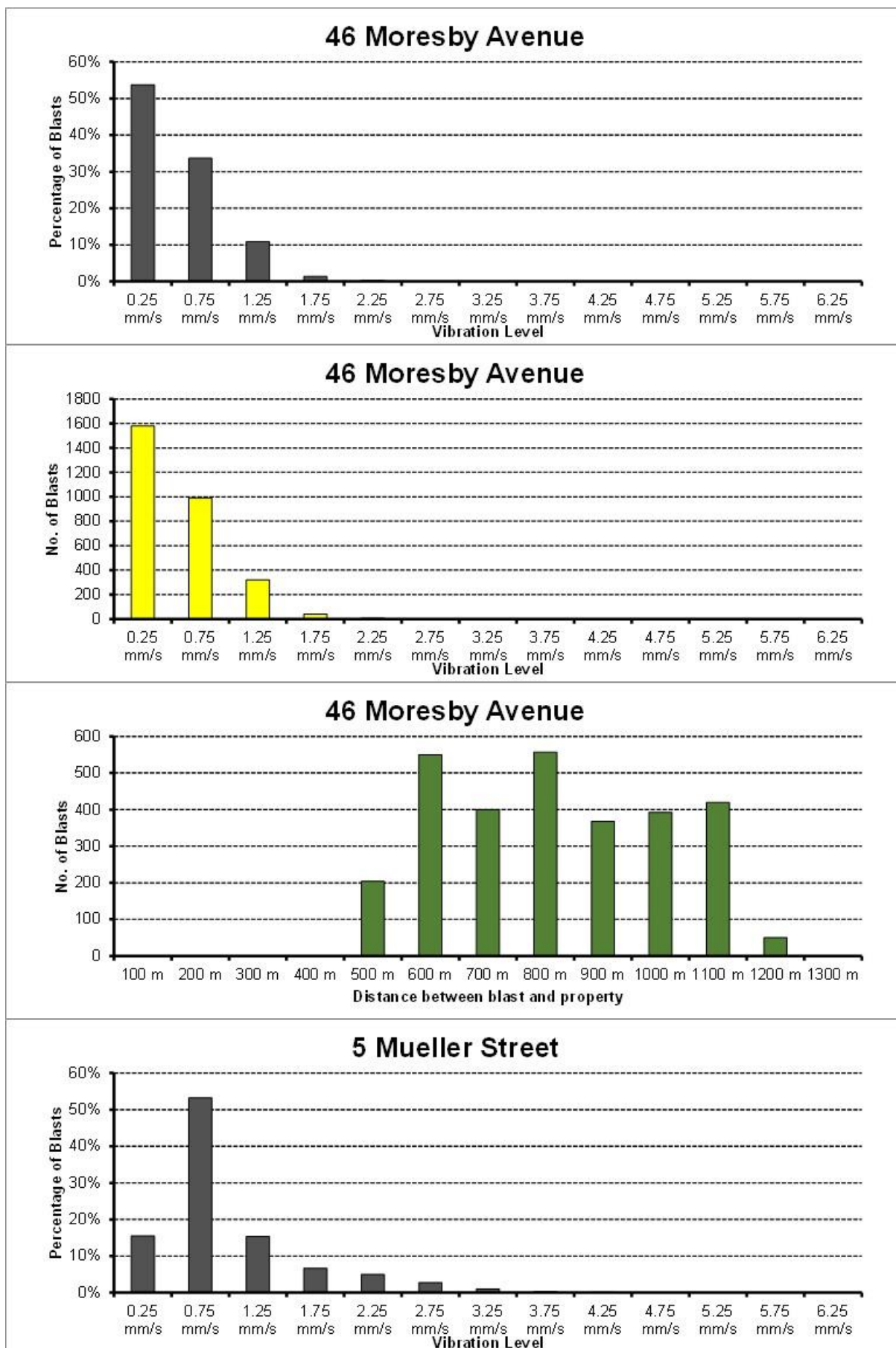


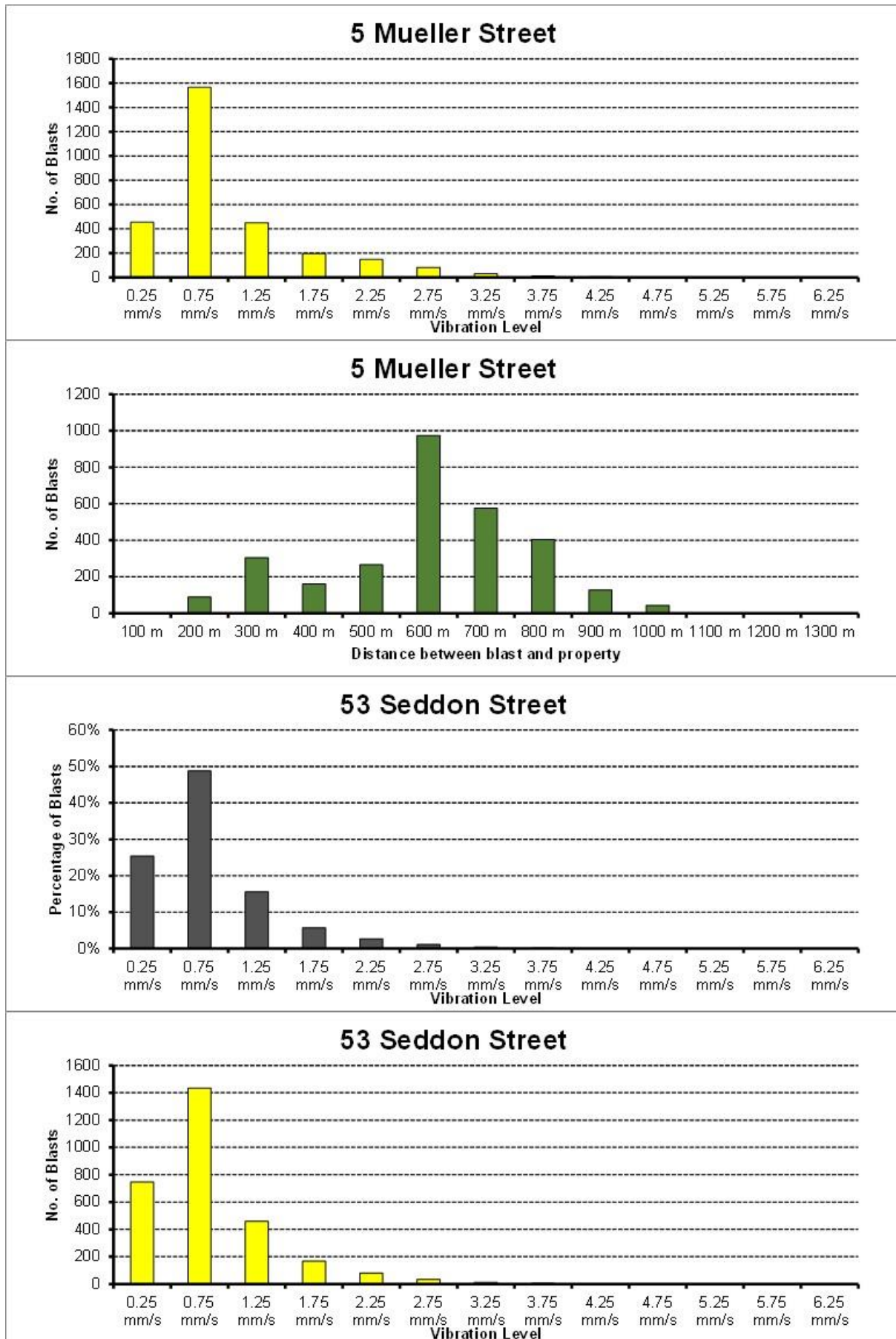




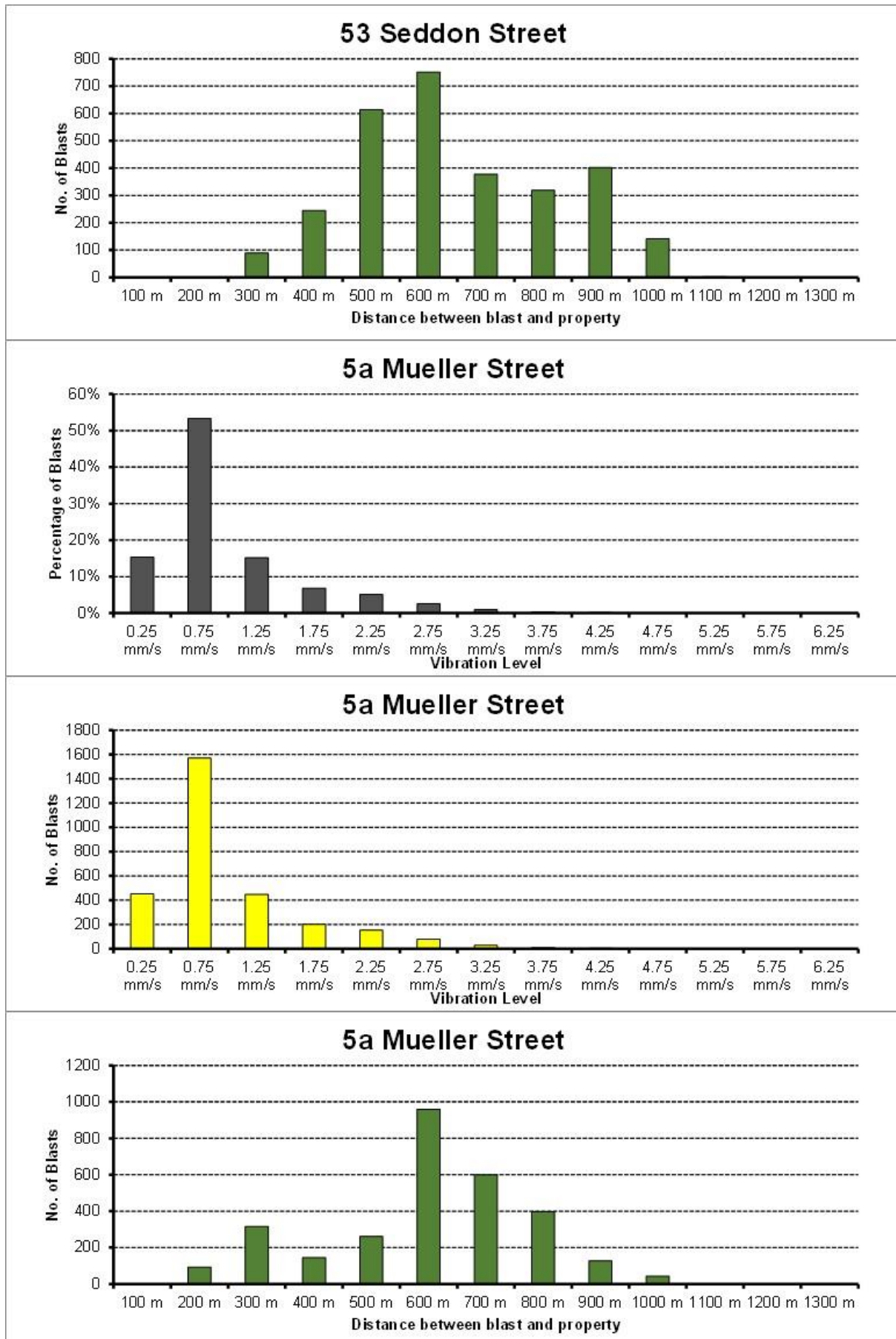


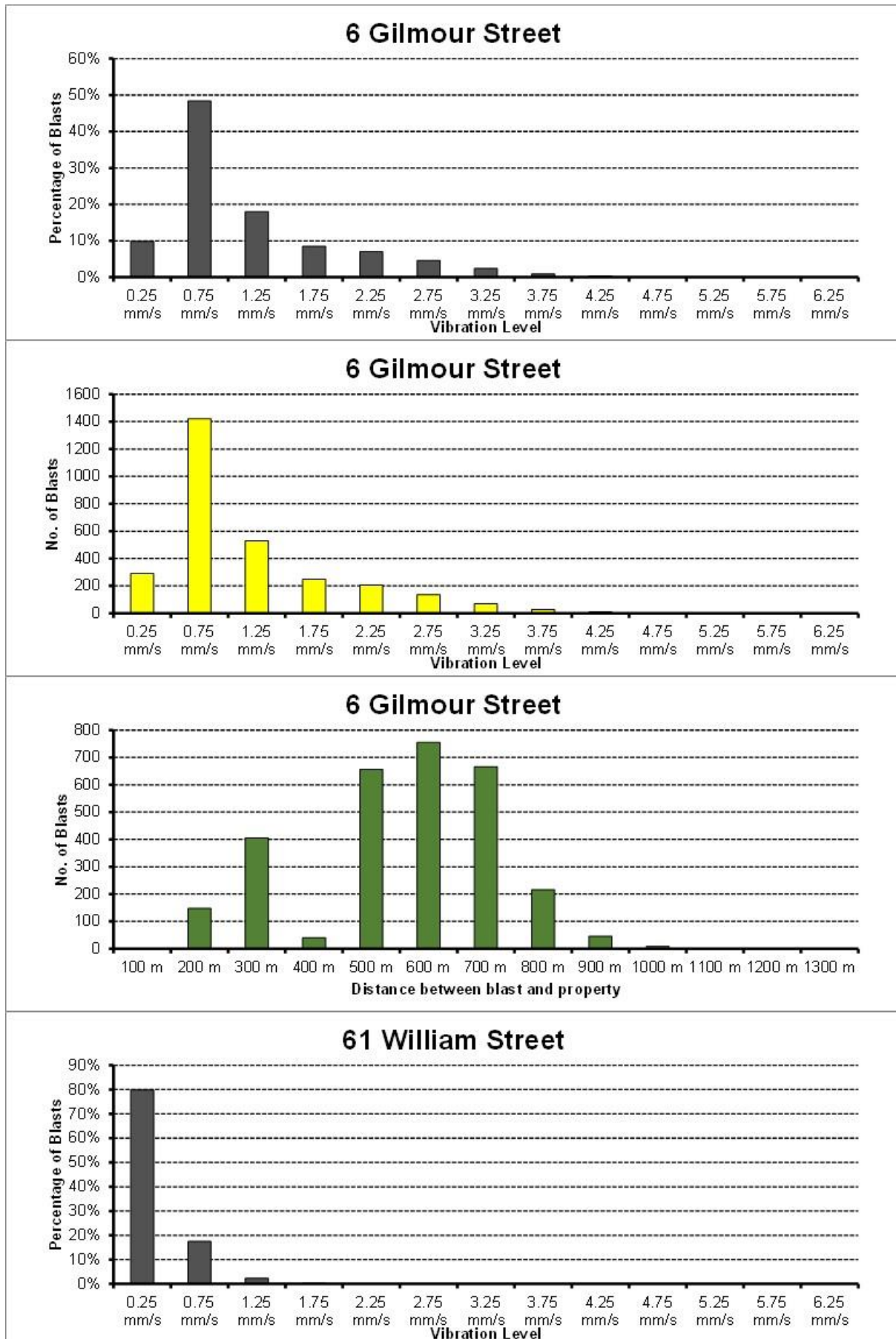


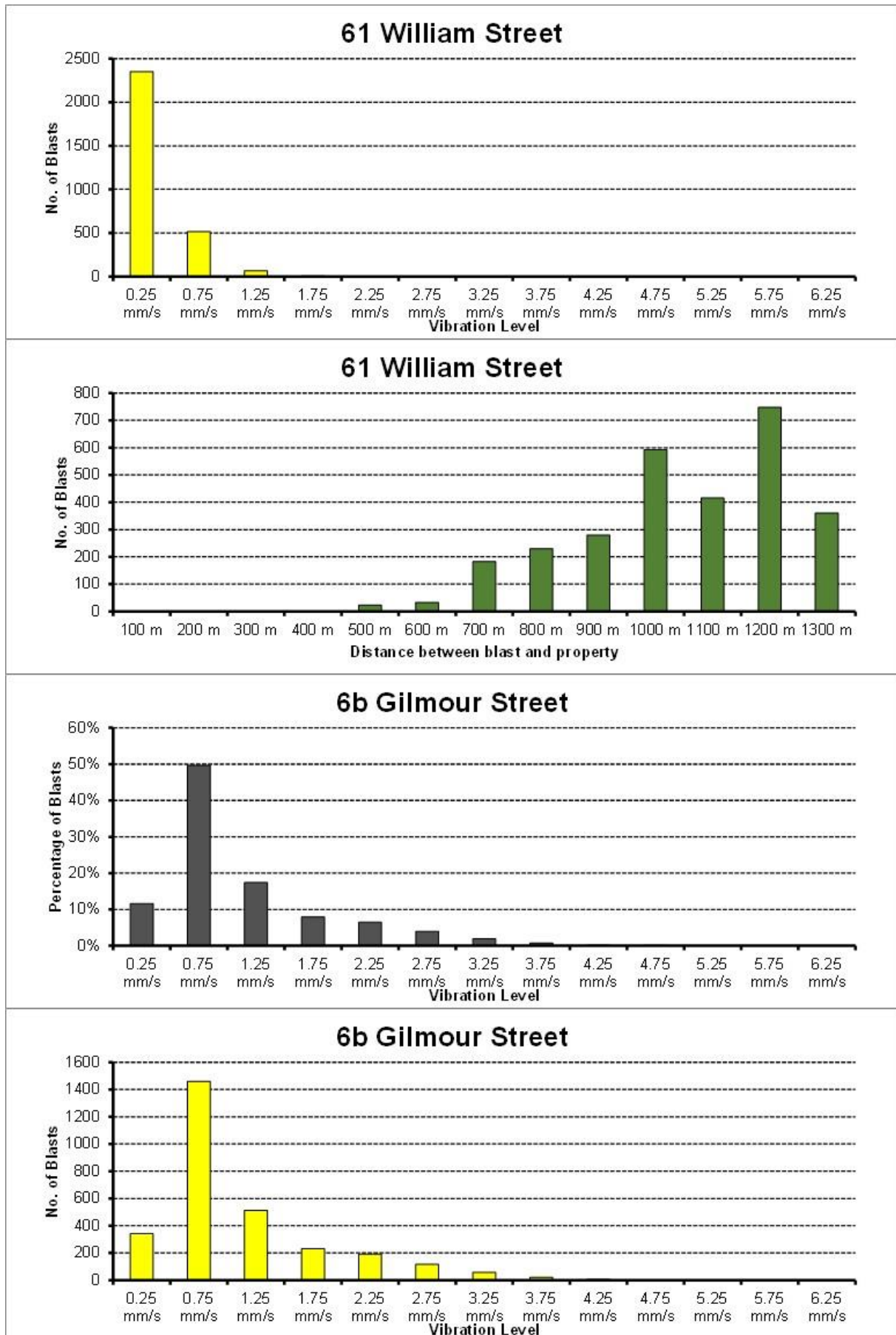




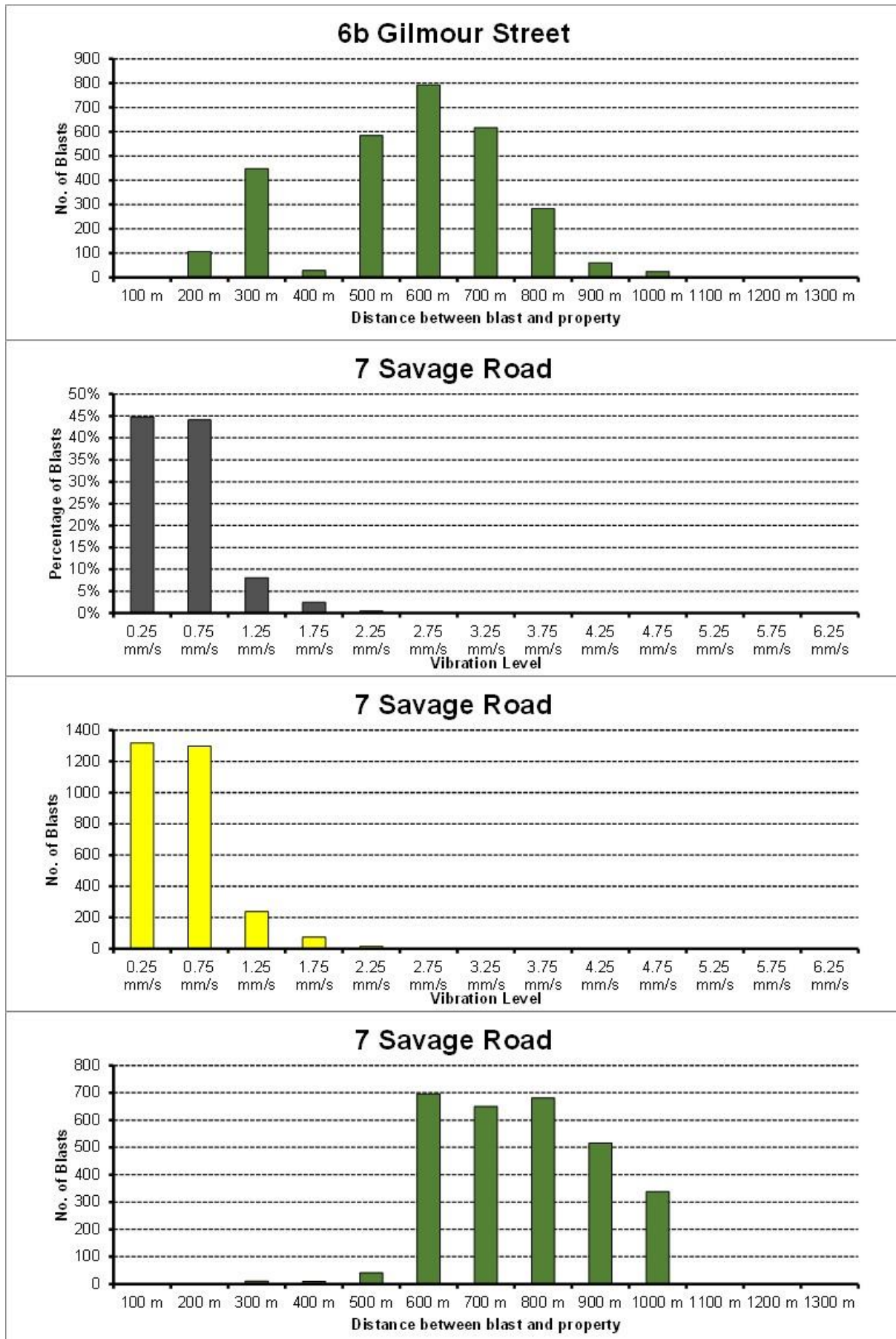




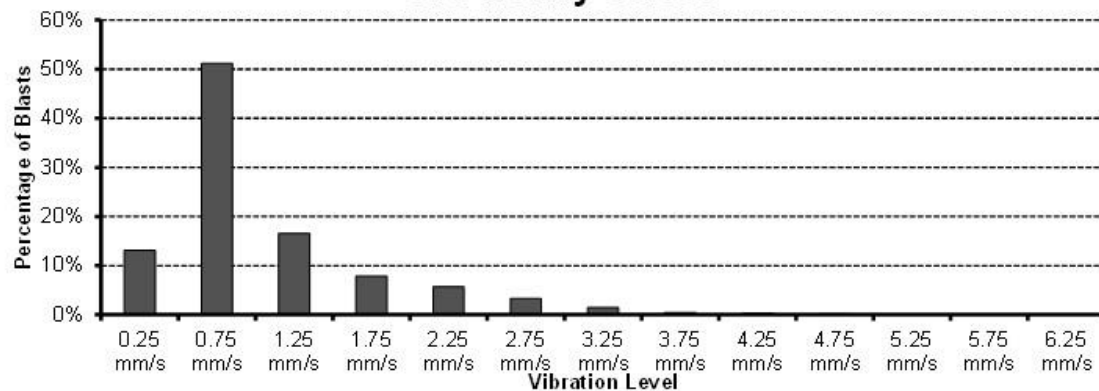




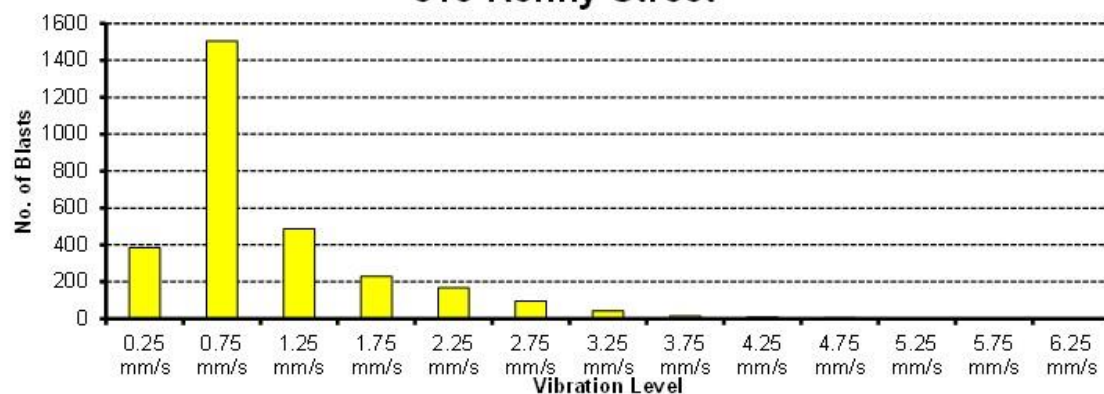




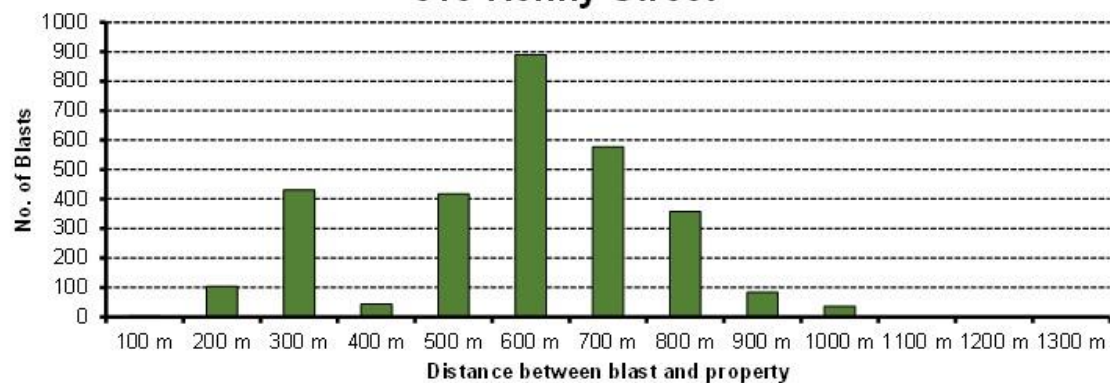
### 81c Kenny Street



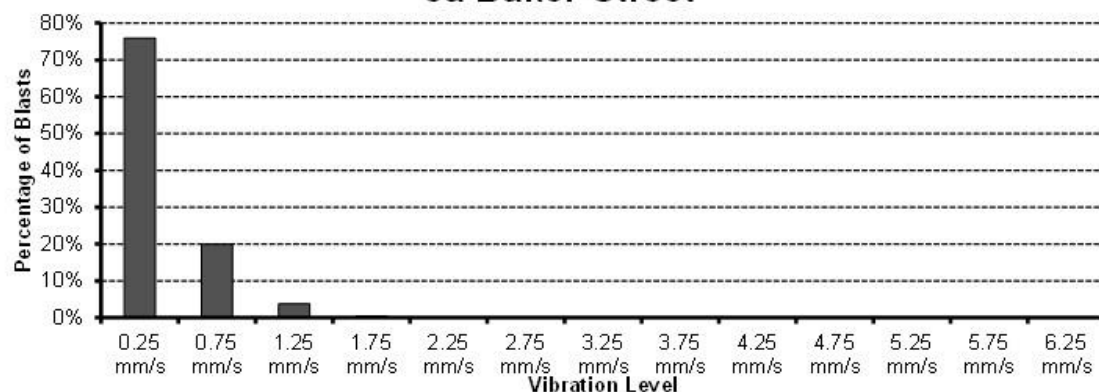
### 81c Kenny Street

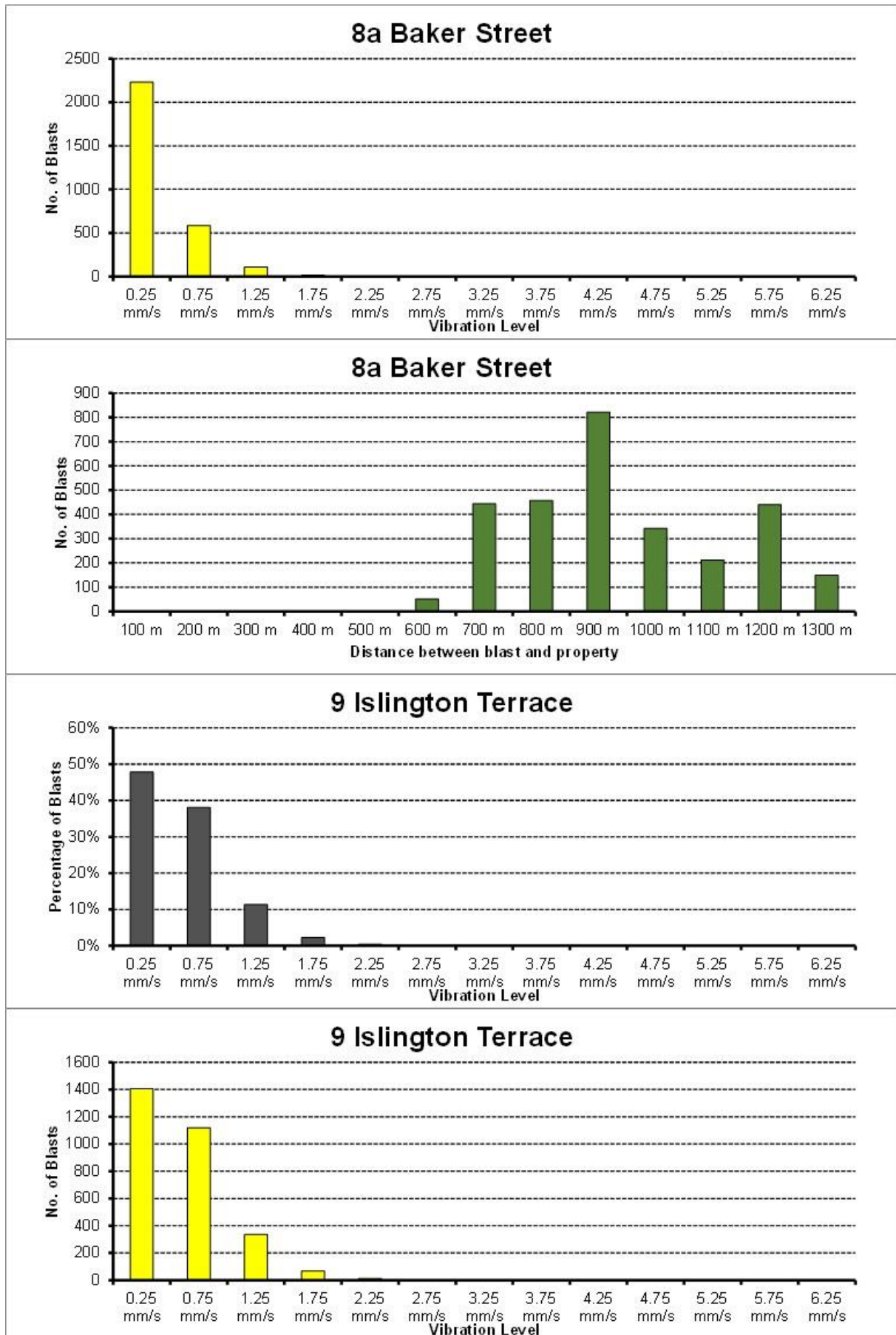


### 81c Kenny Street

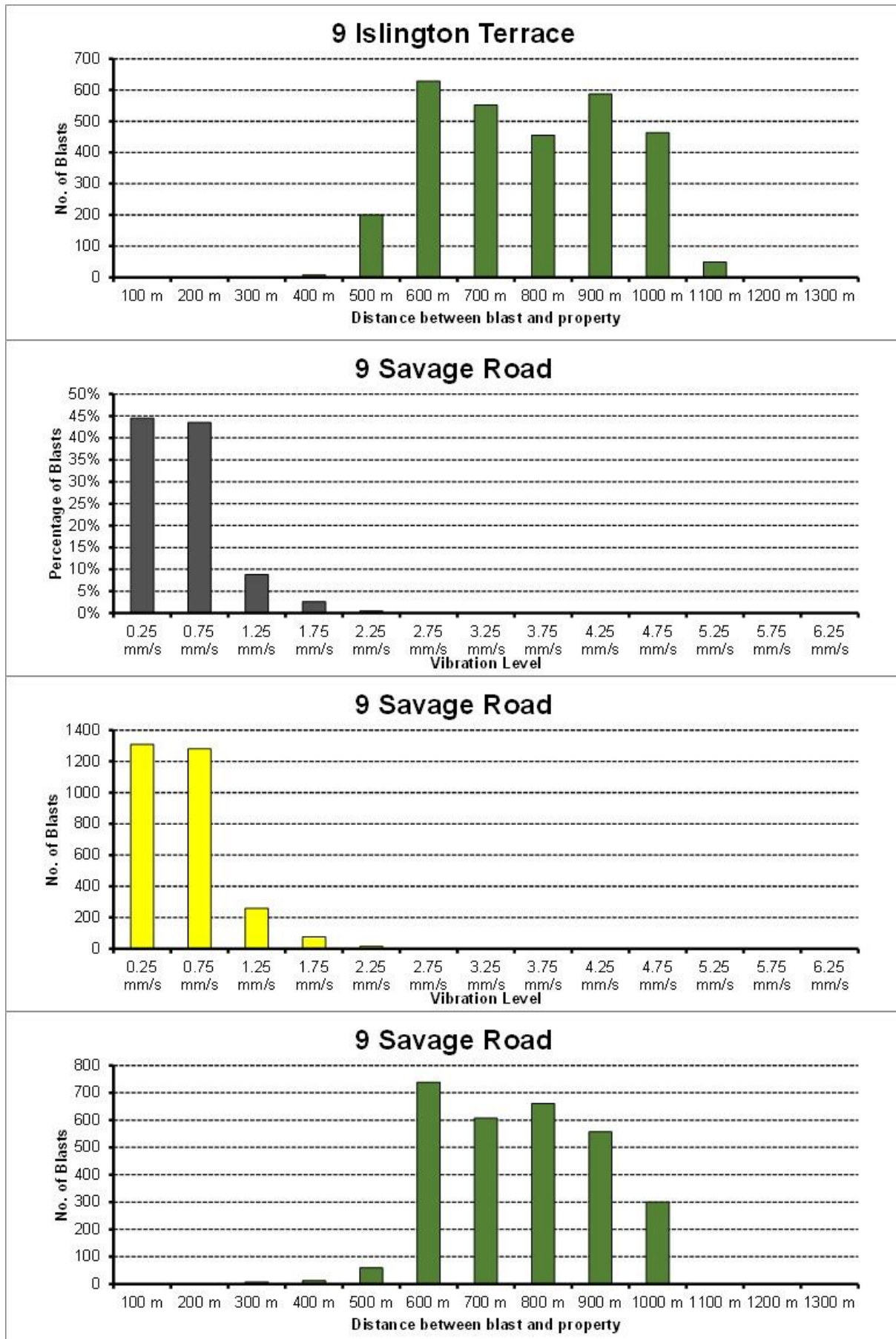


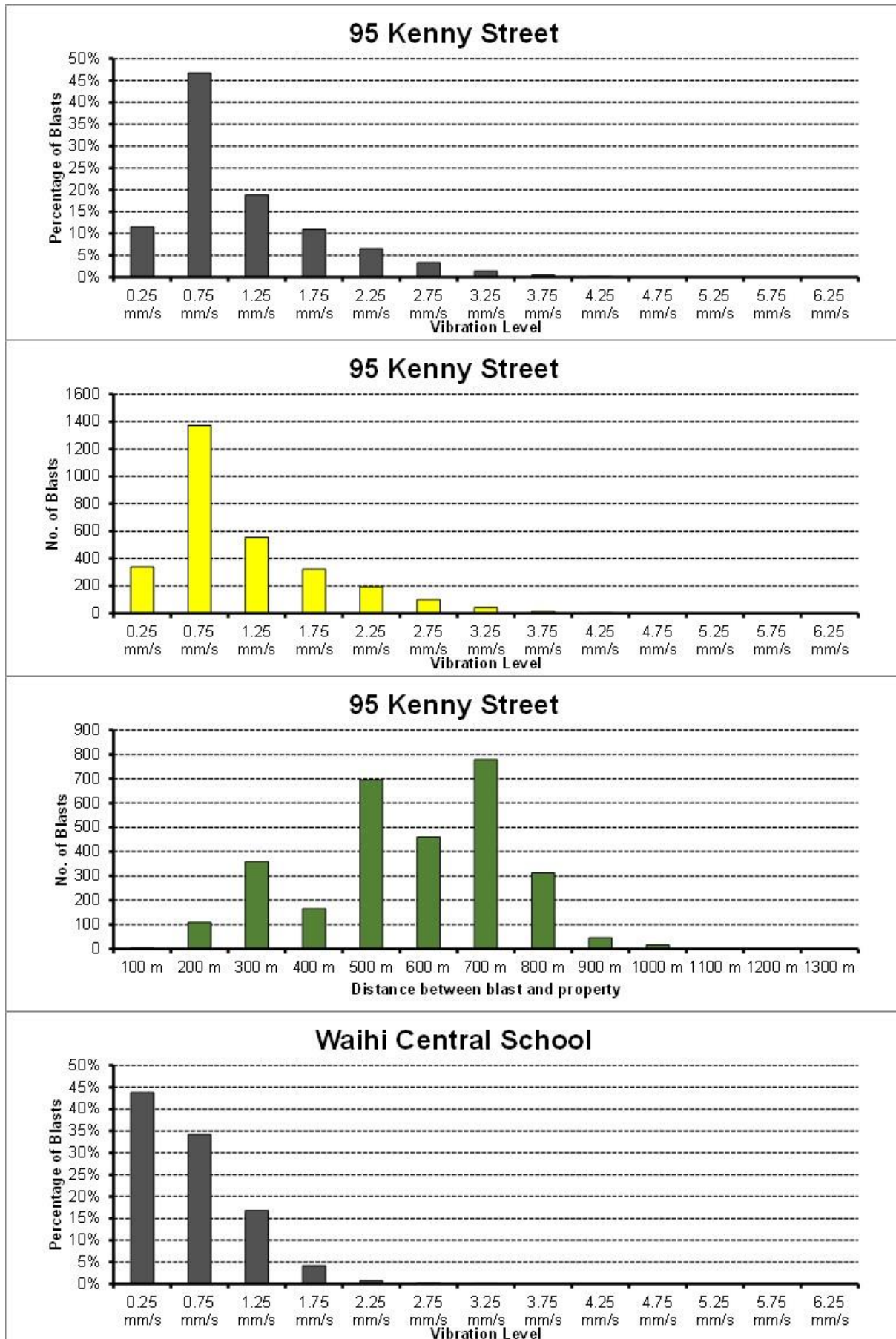
### 8a Baker Street



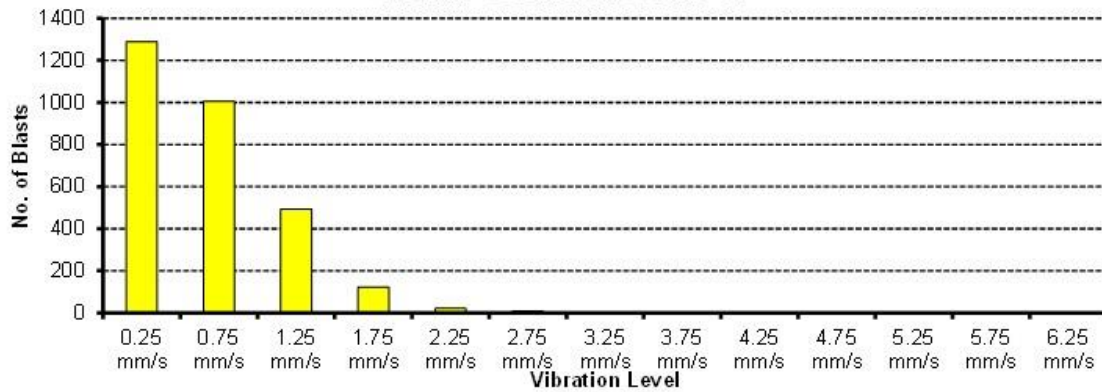




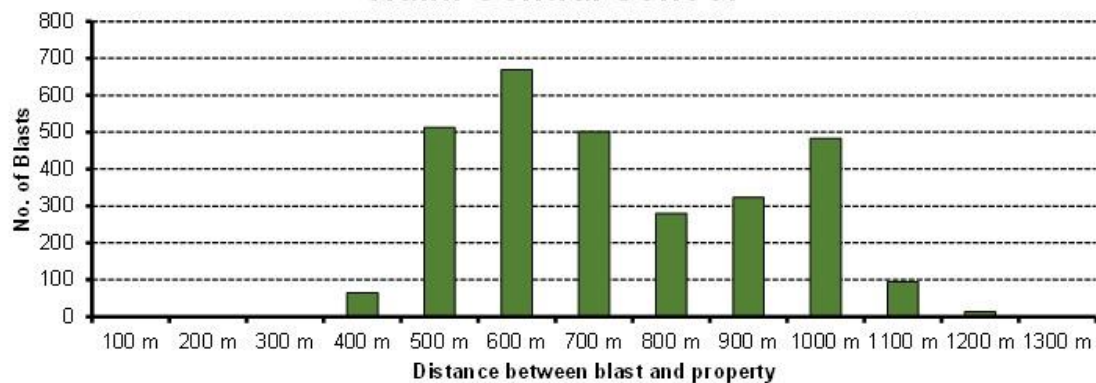




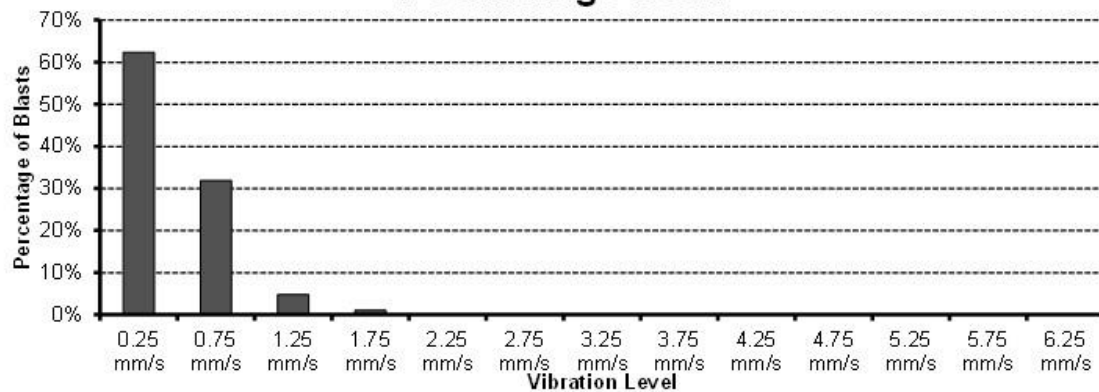
### Waihi Central School



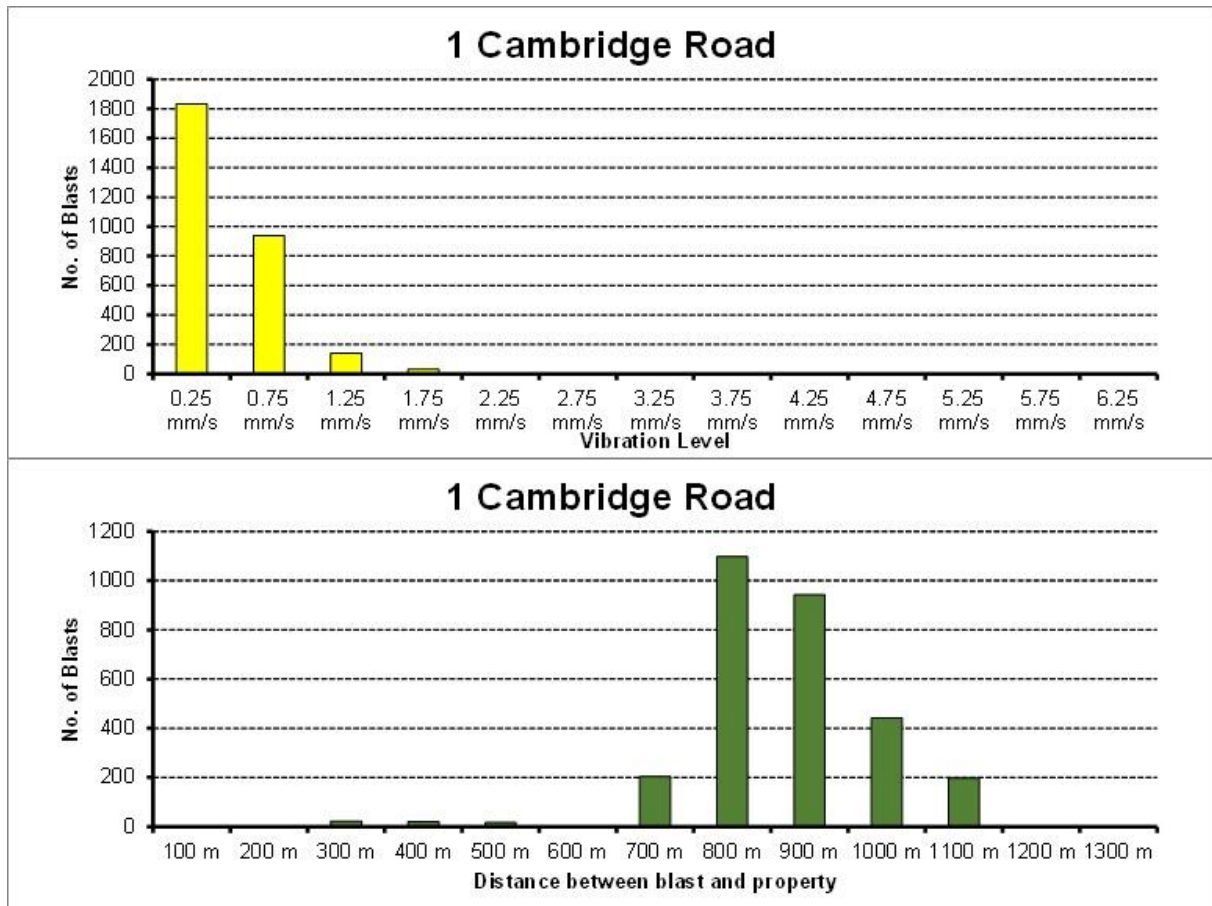
### Waihi Central School



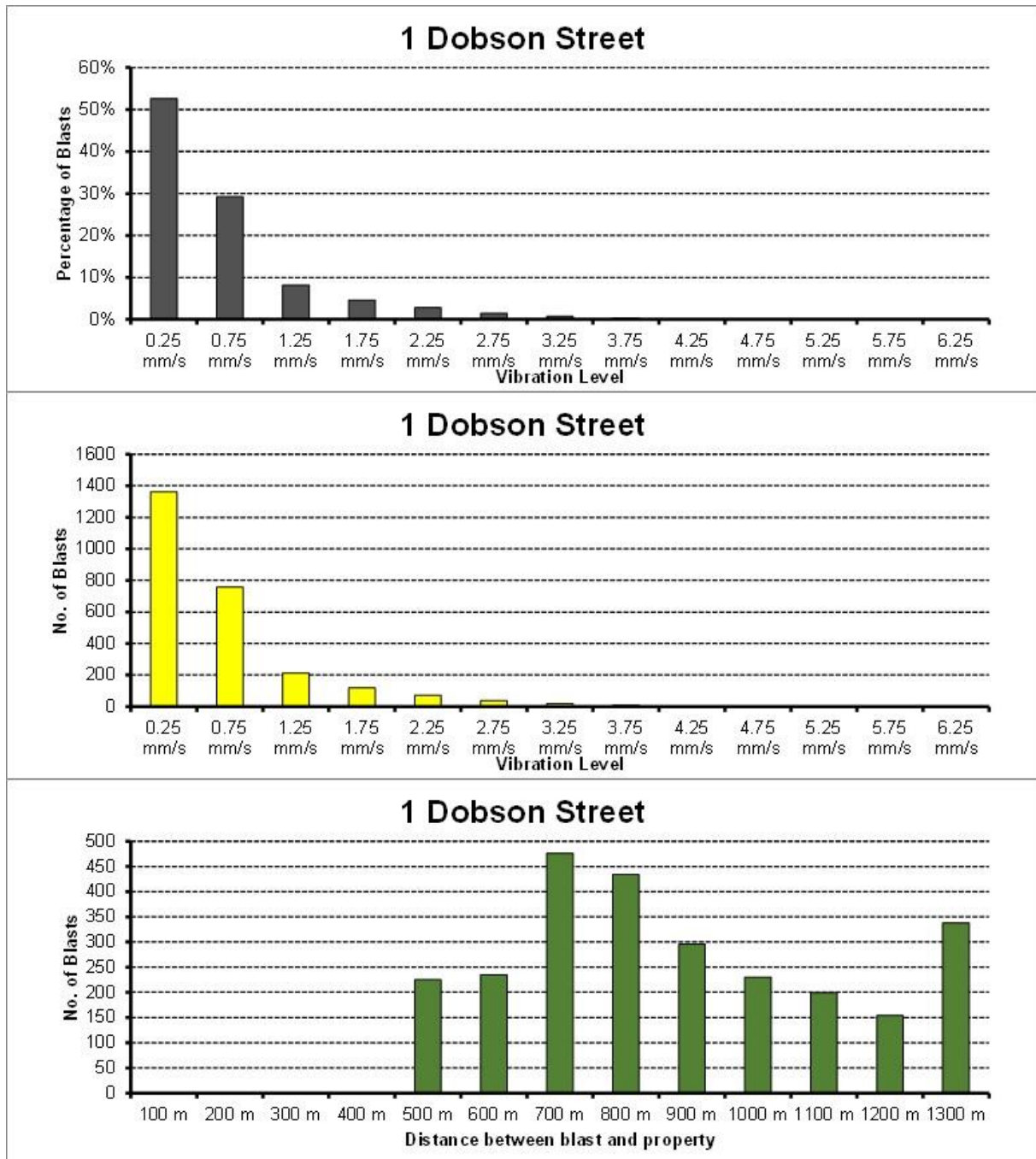
### 1 Cambridge Road

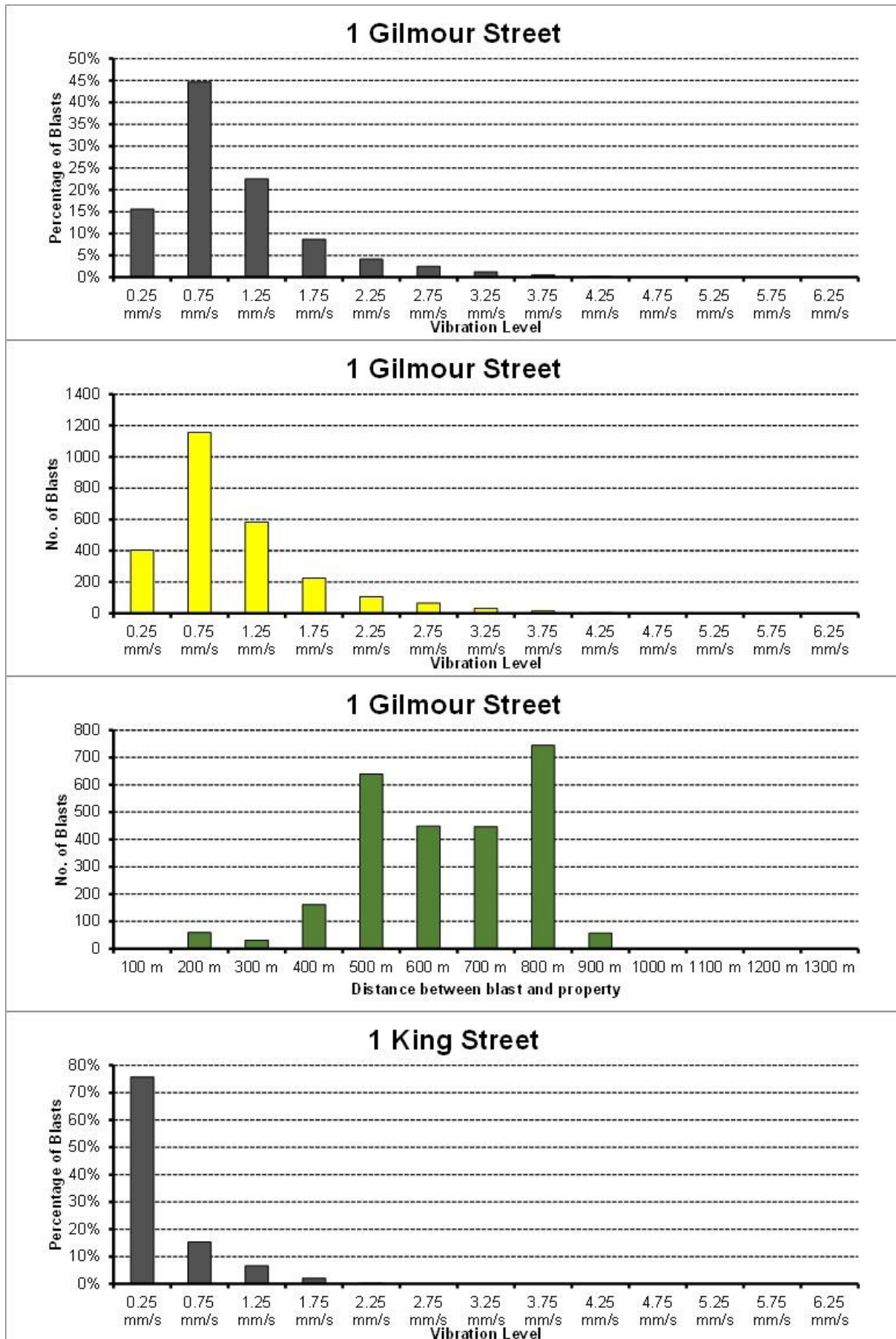




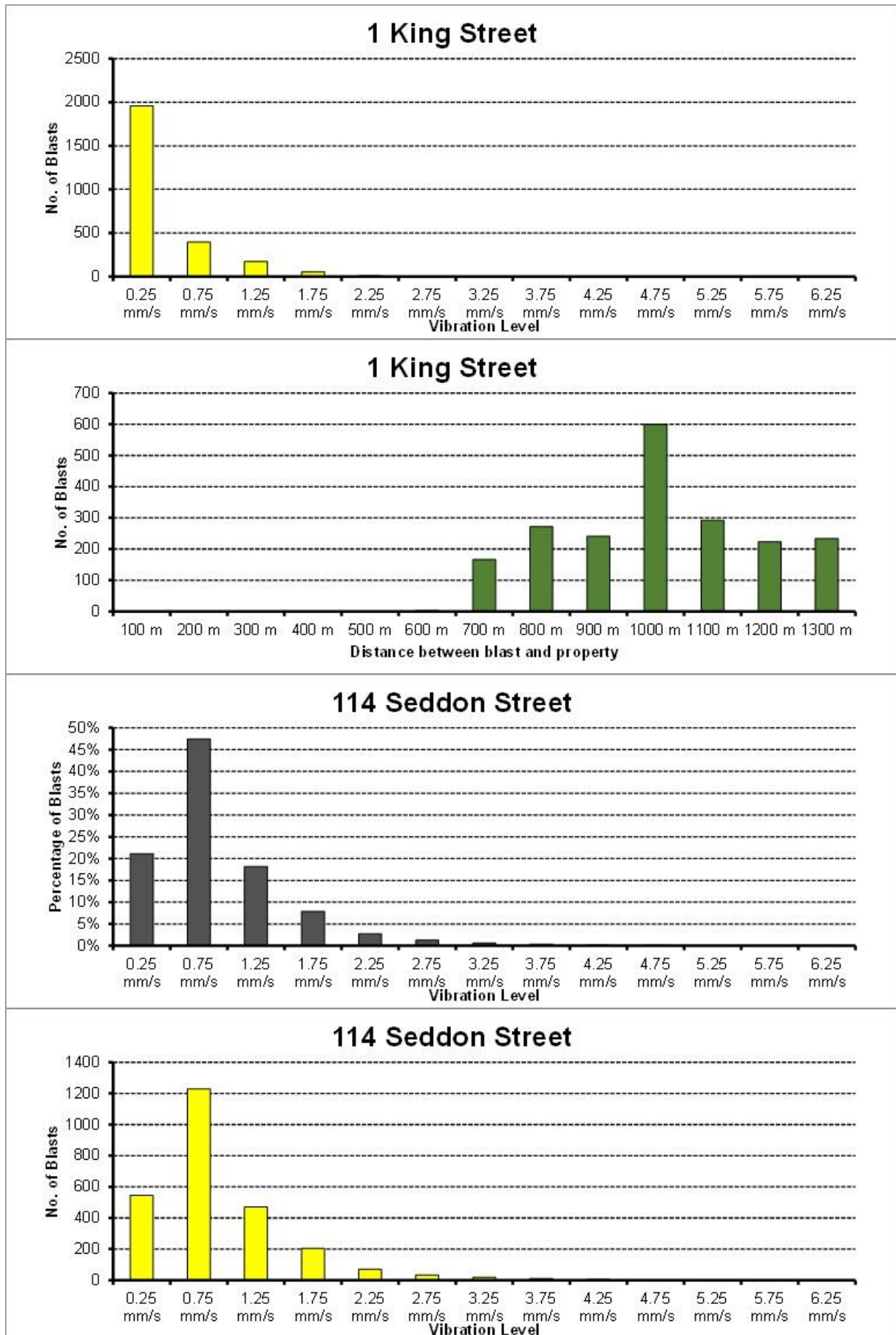


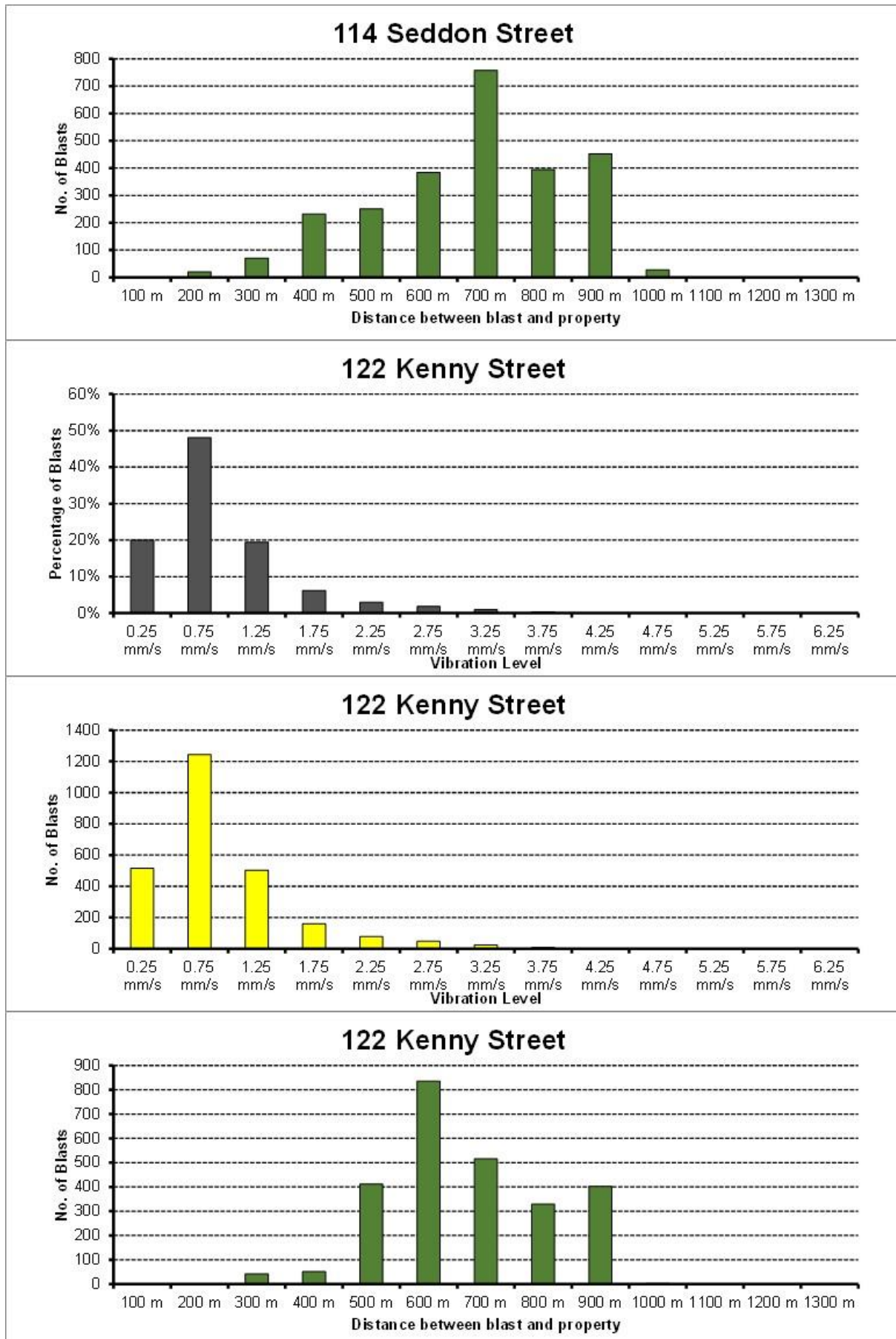
#### 4. MARTHA PROJECT 2023

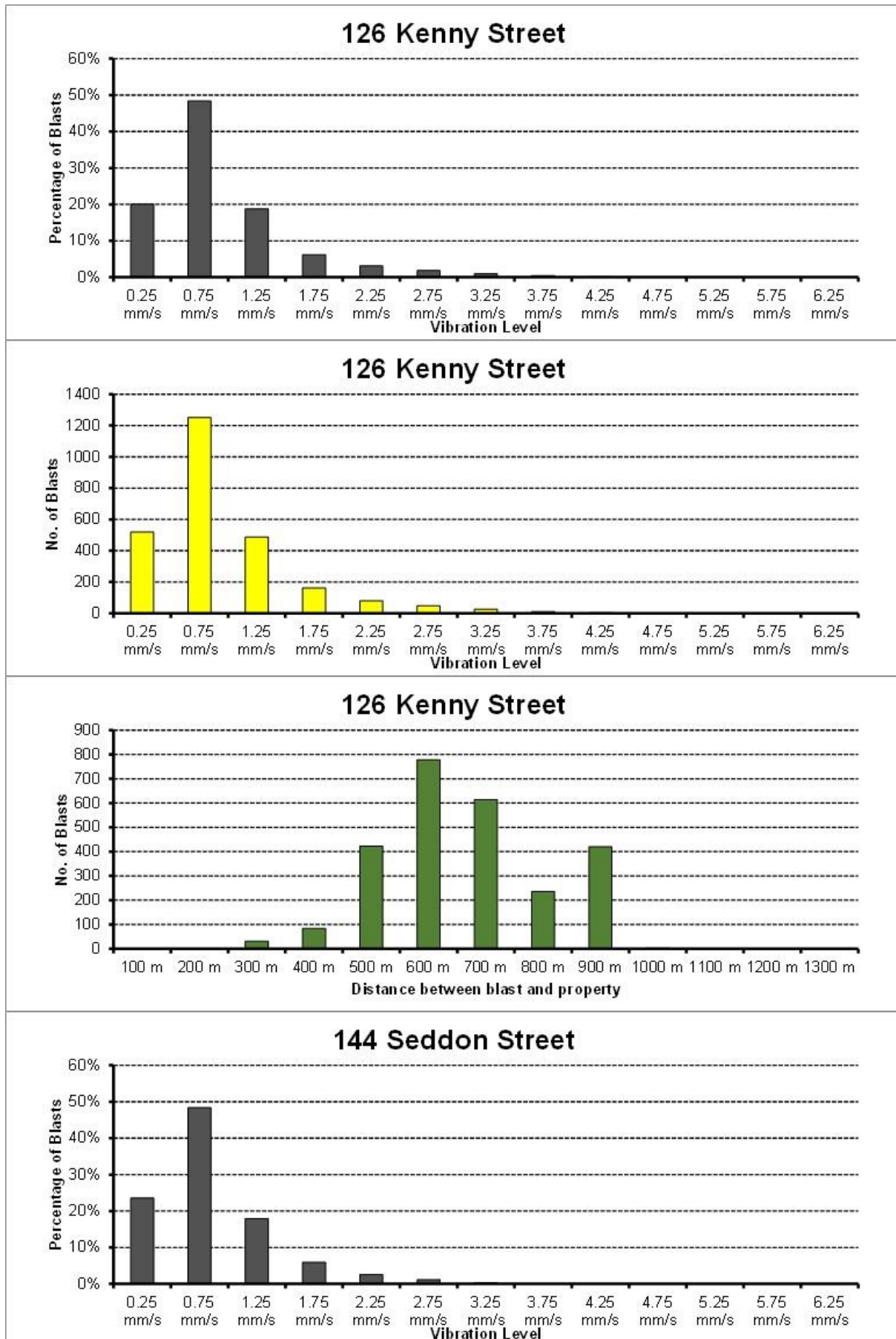




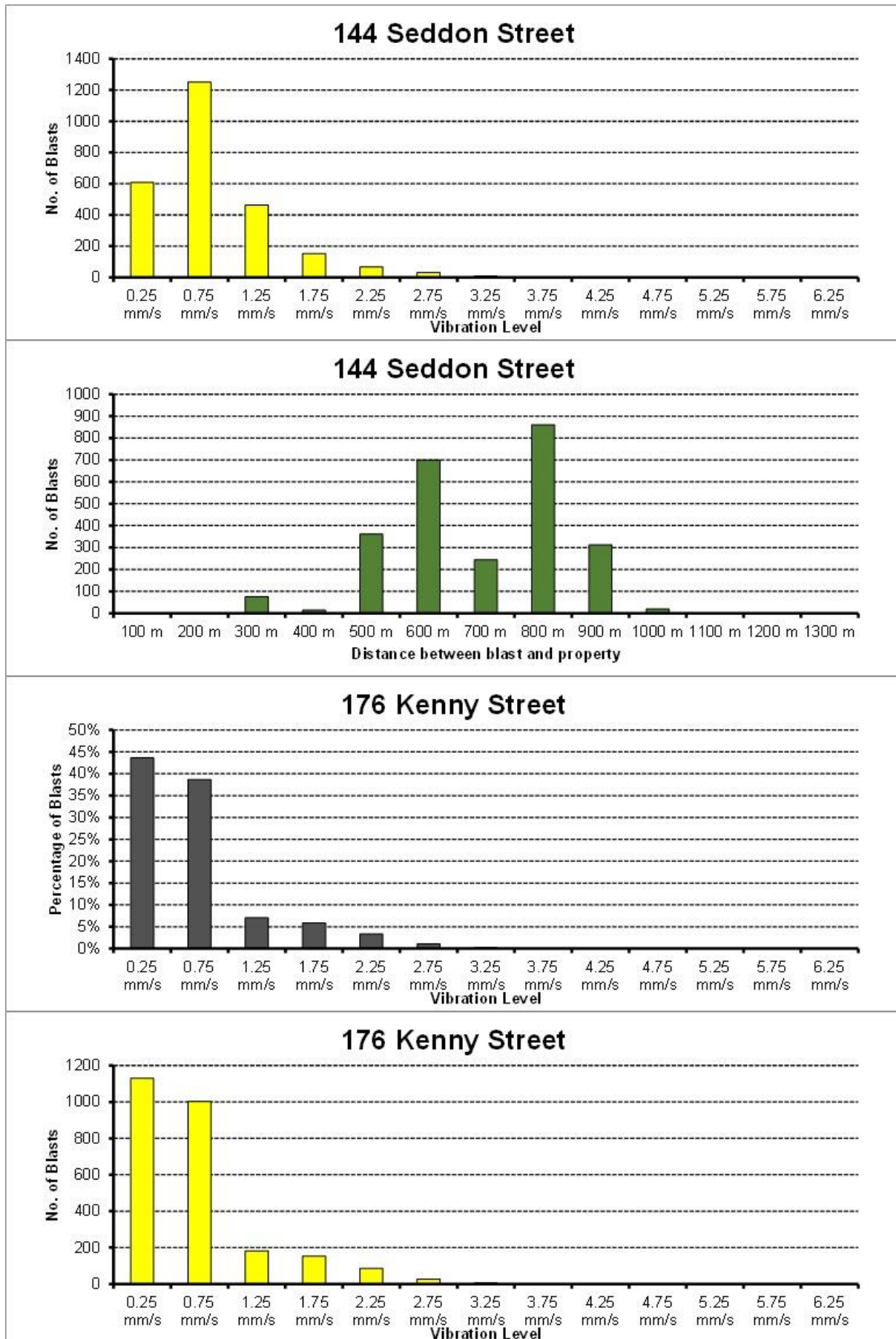


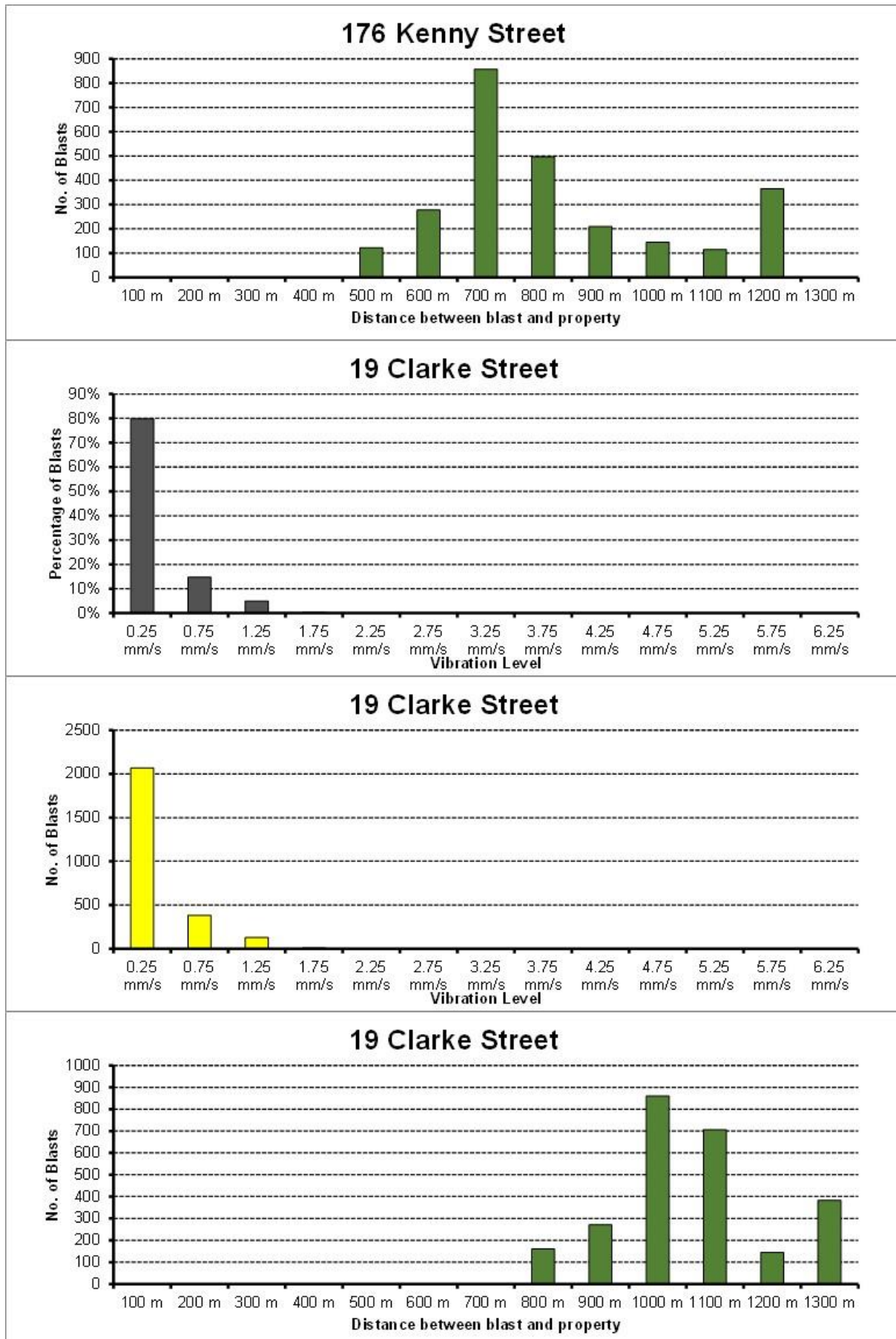




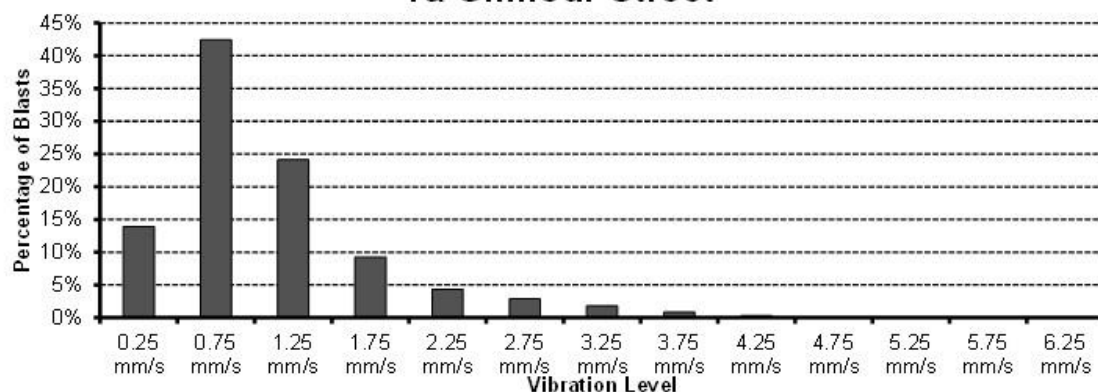




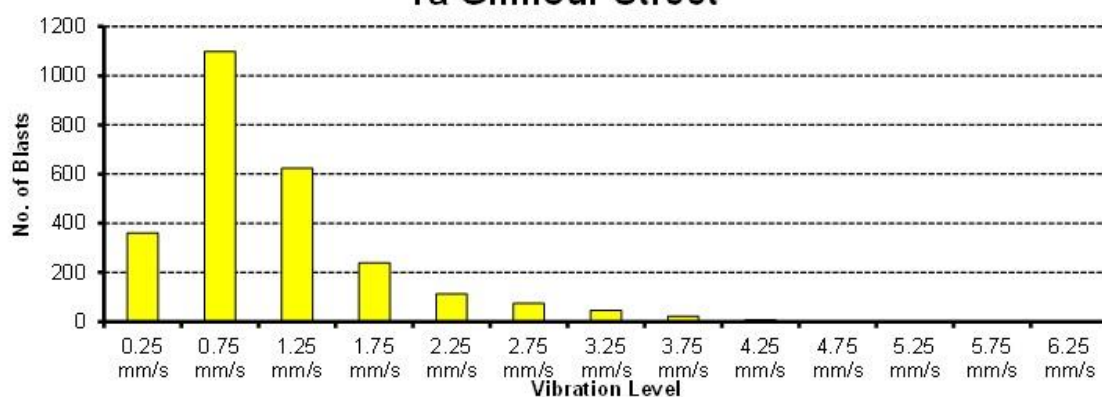




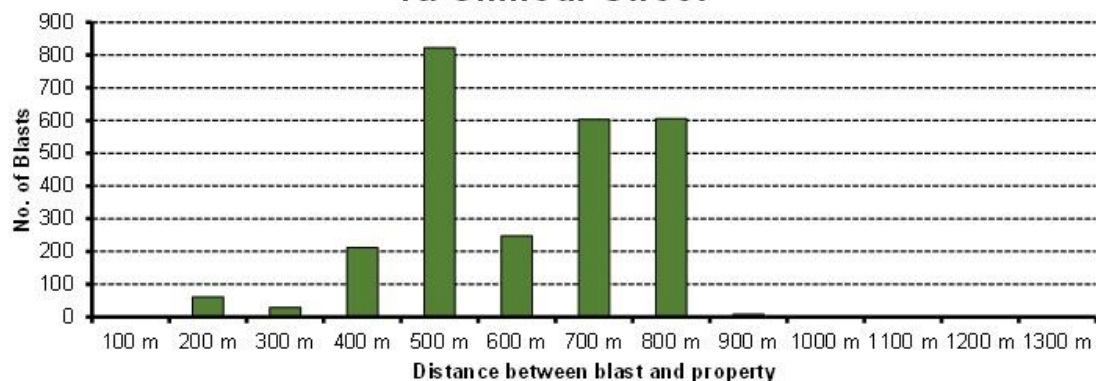
### 1a Gilmour Street



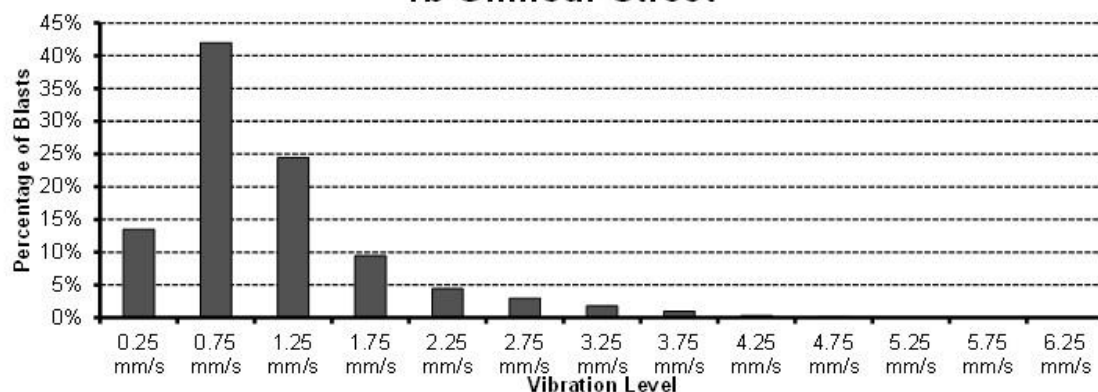
### 1a Gilmour Street



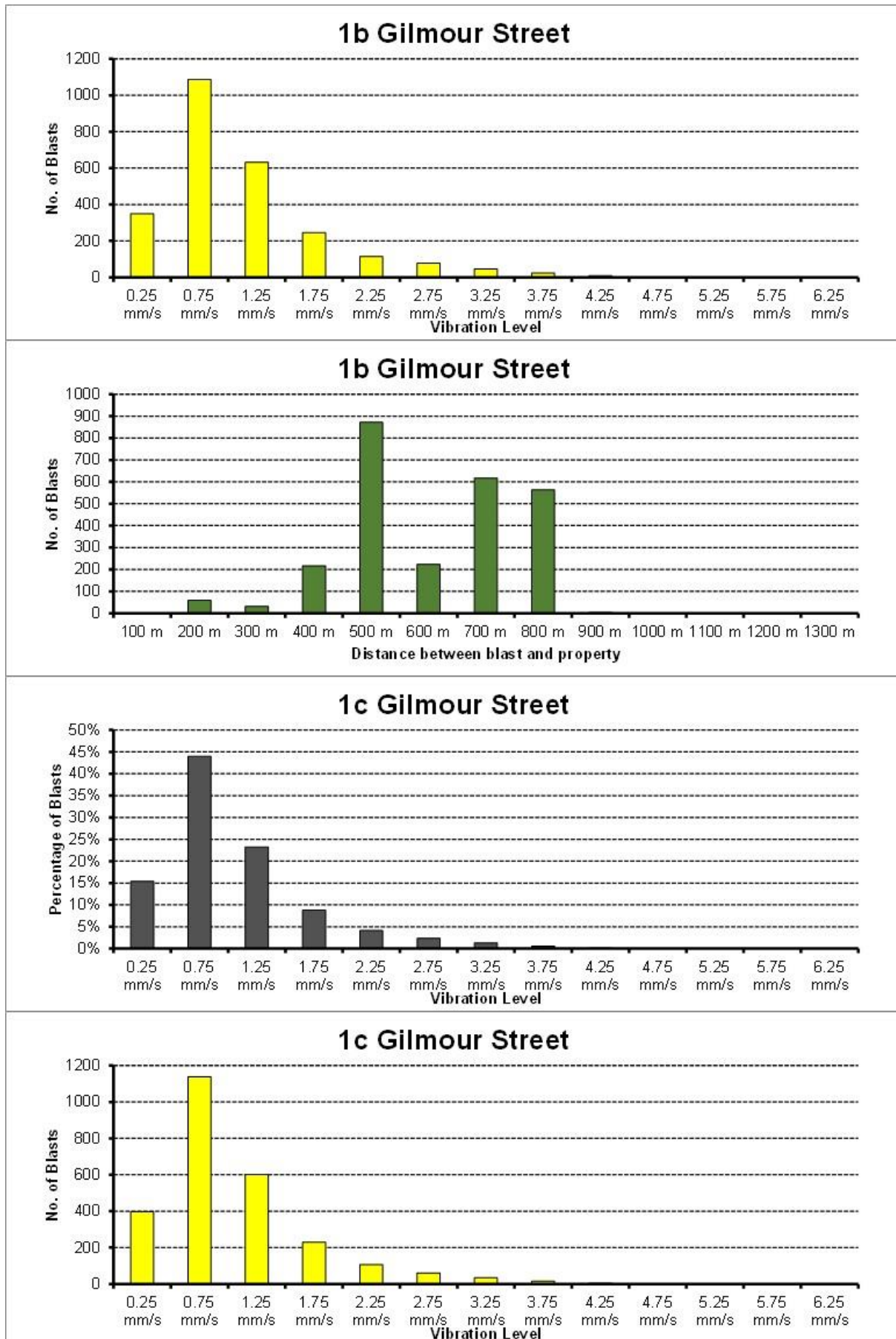
### 1a Gilmour Street

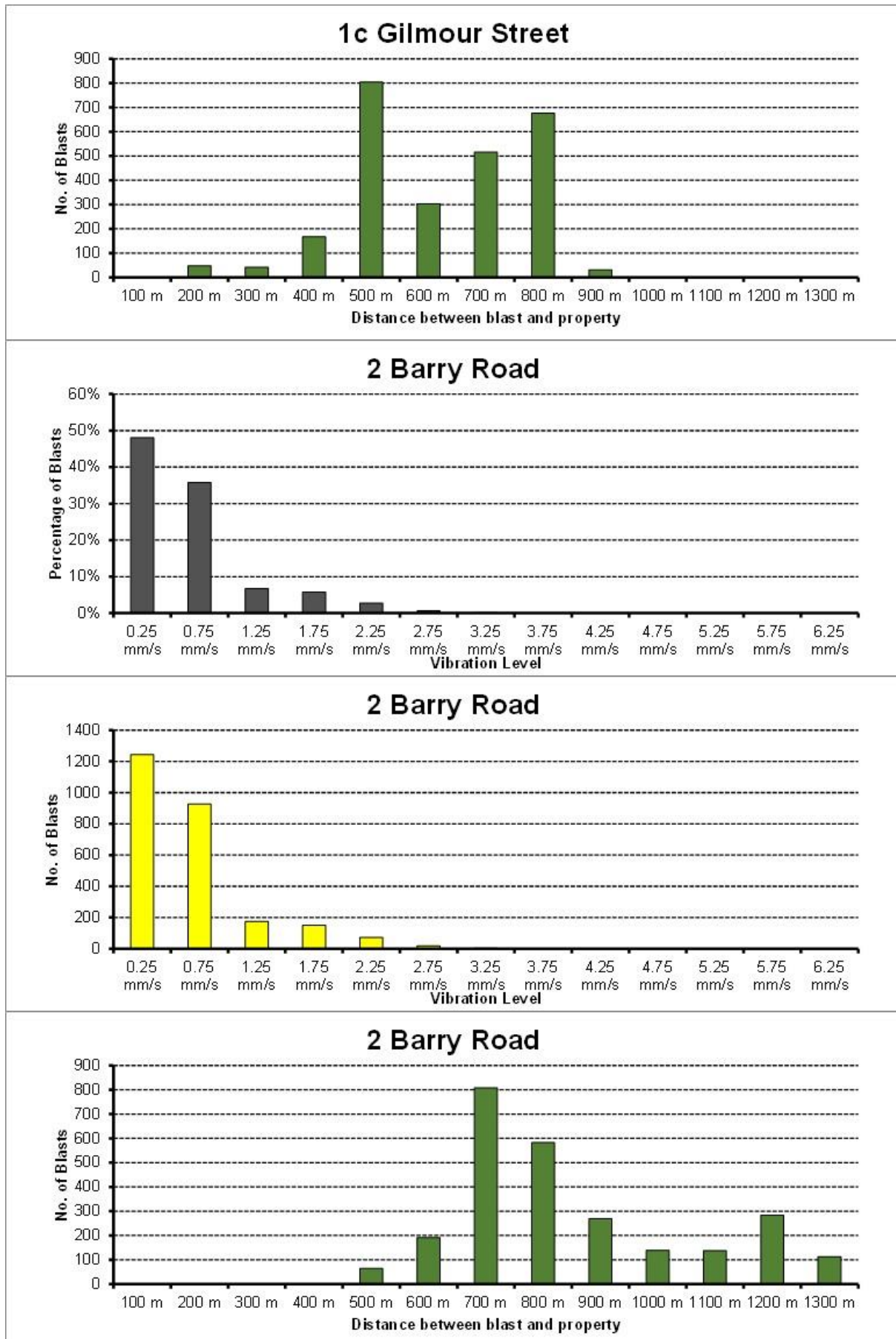


### 1b Gilmour Street

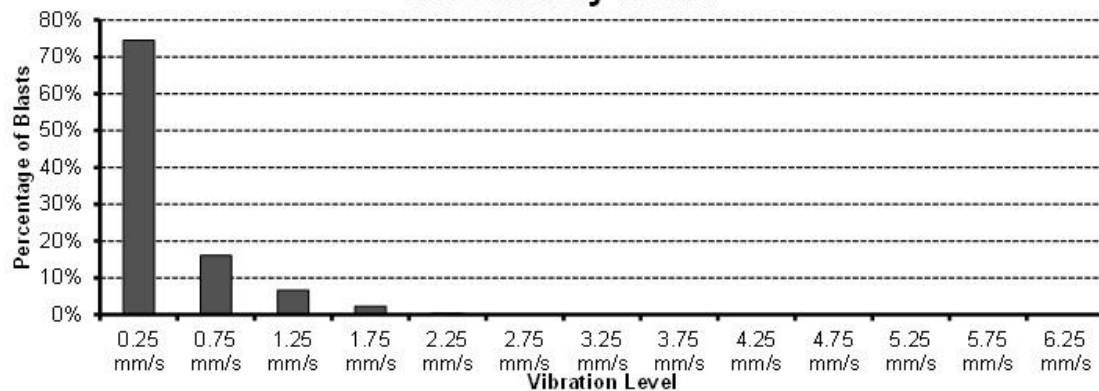




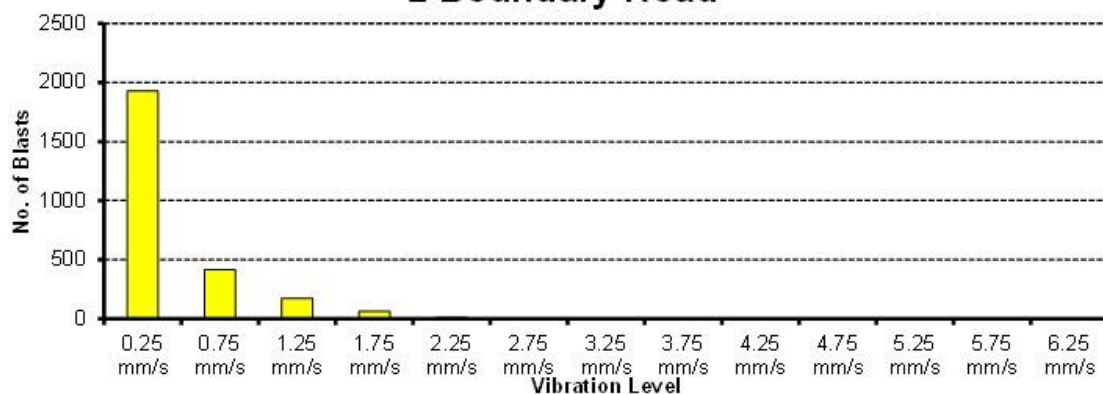




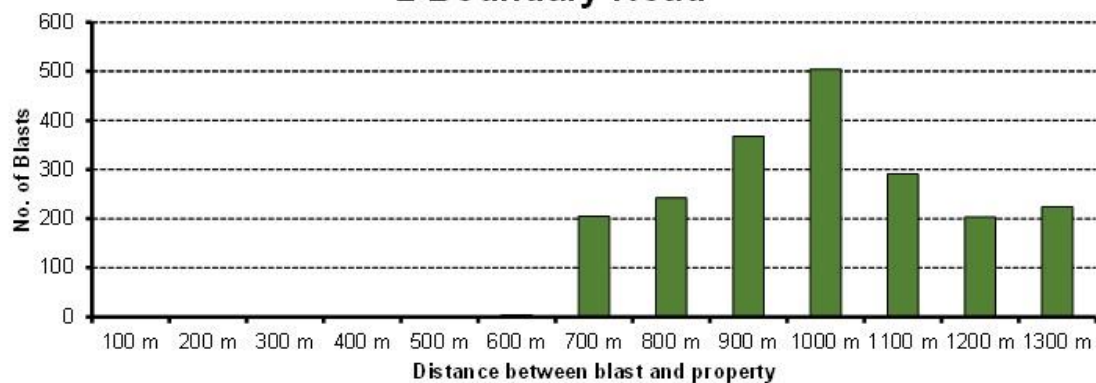
## 2 Boundary Road



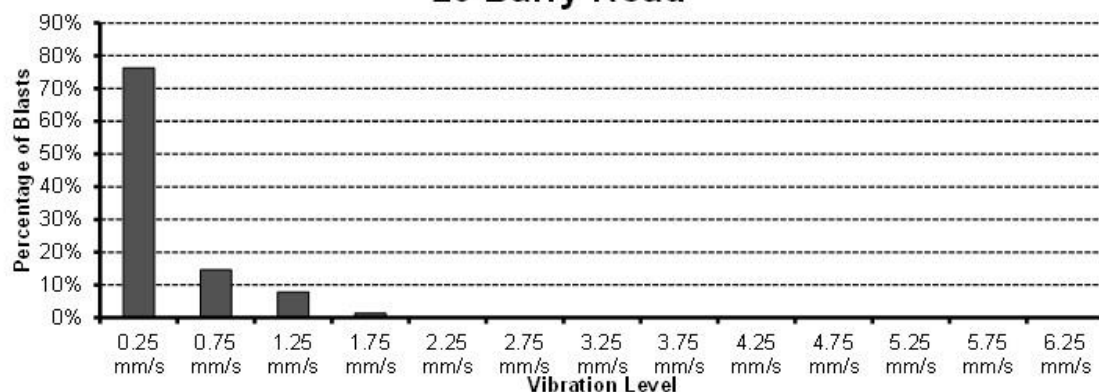
## 2 Boundary Road



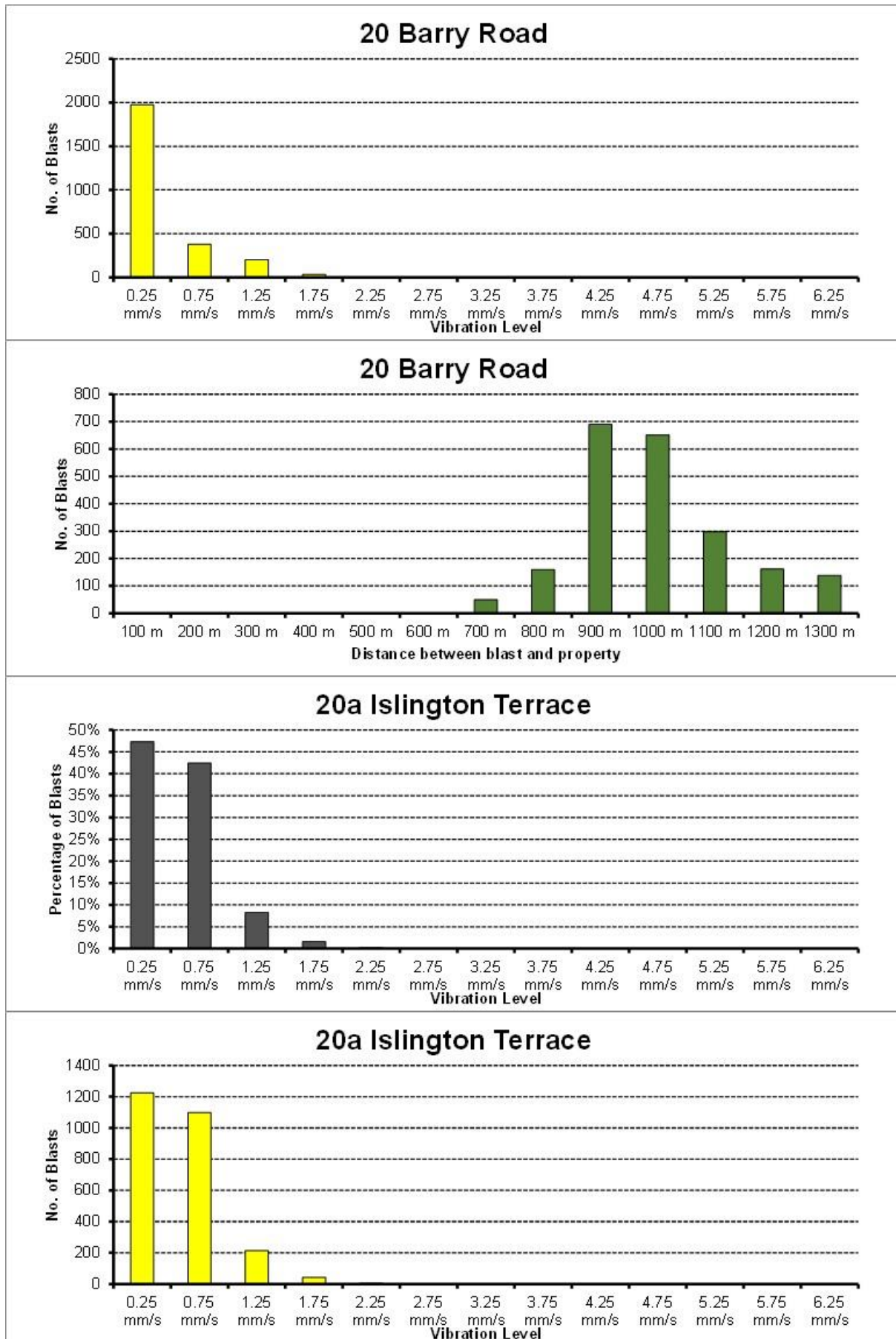
## 2 Boundary Road

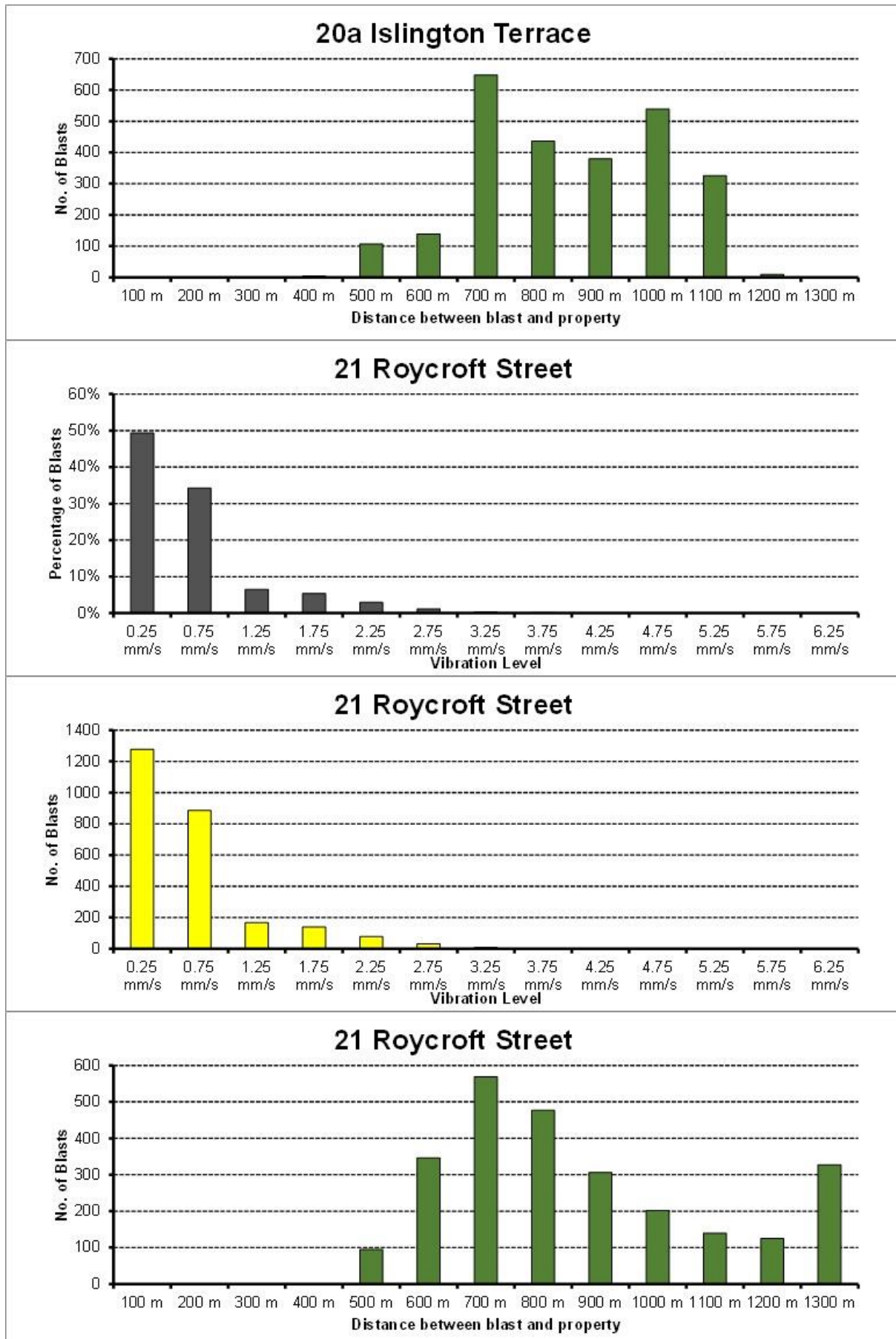


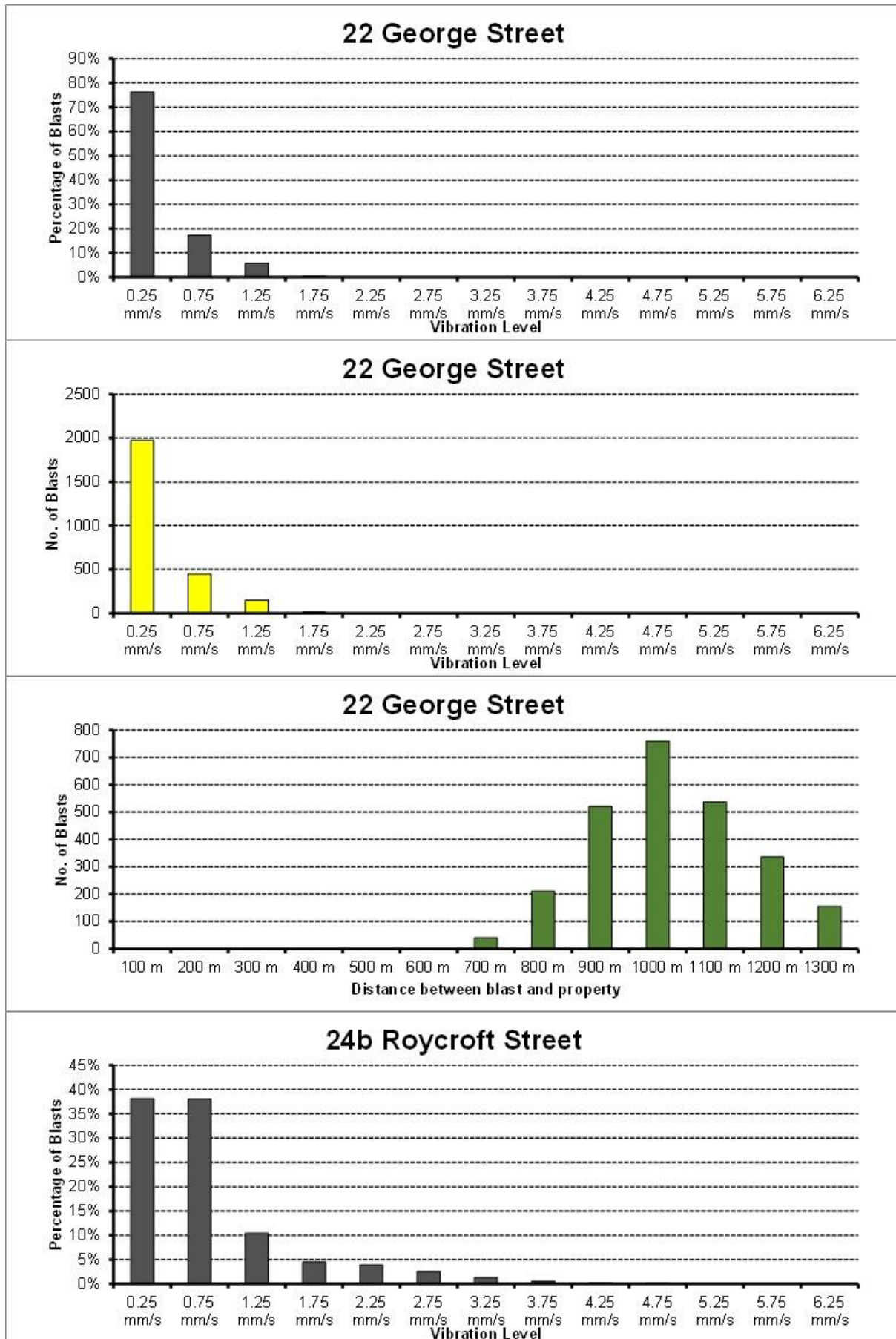
## 20 Barry Road



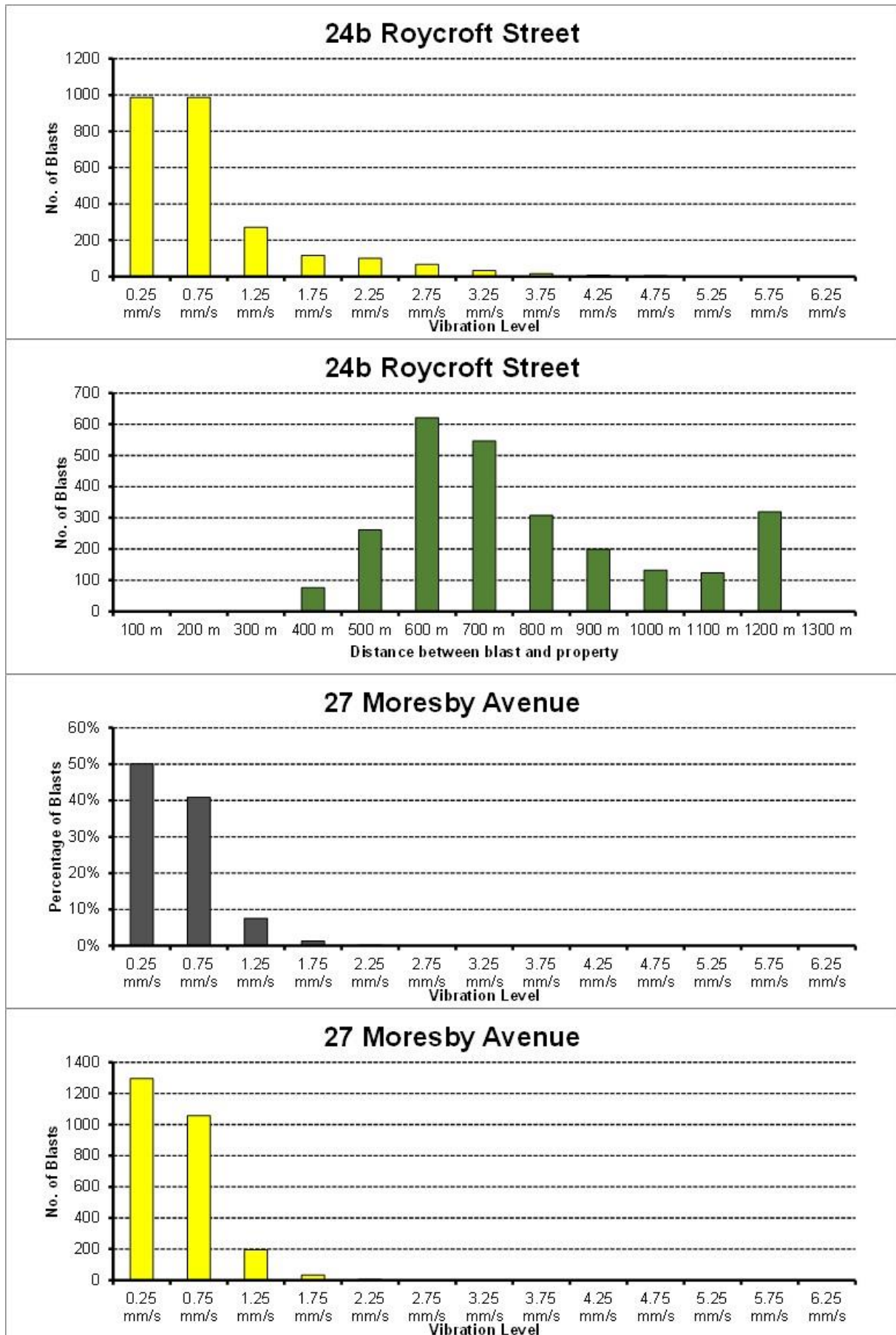


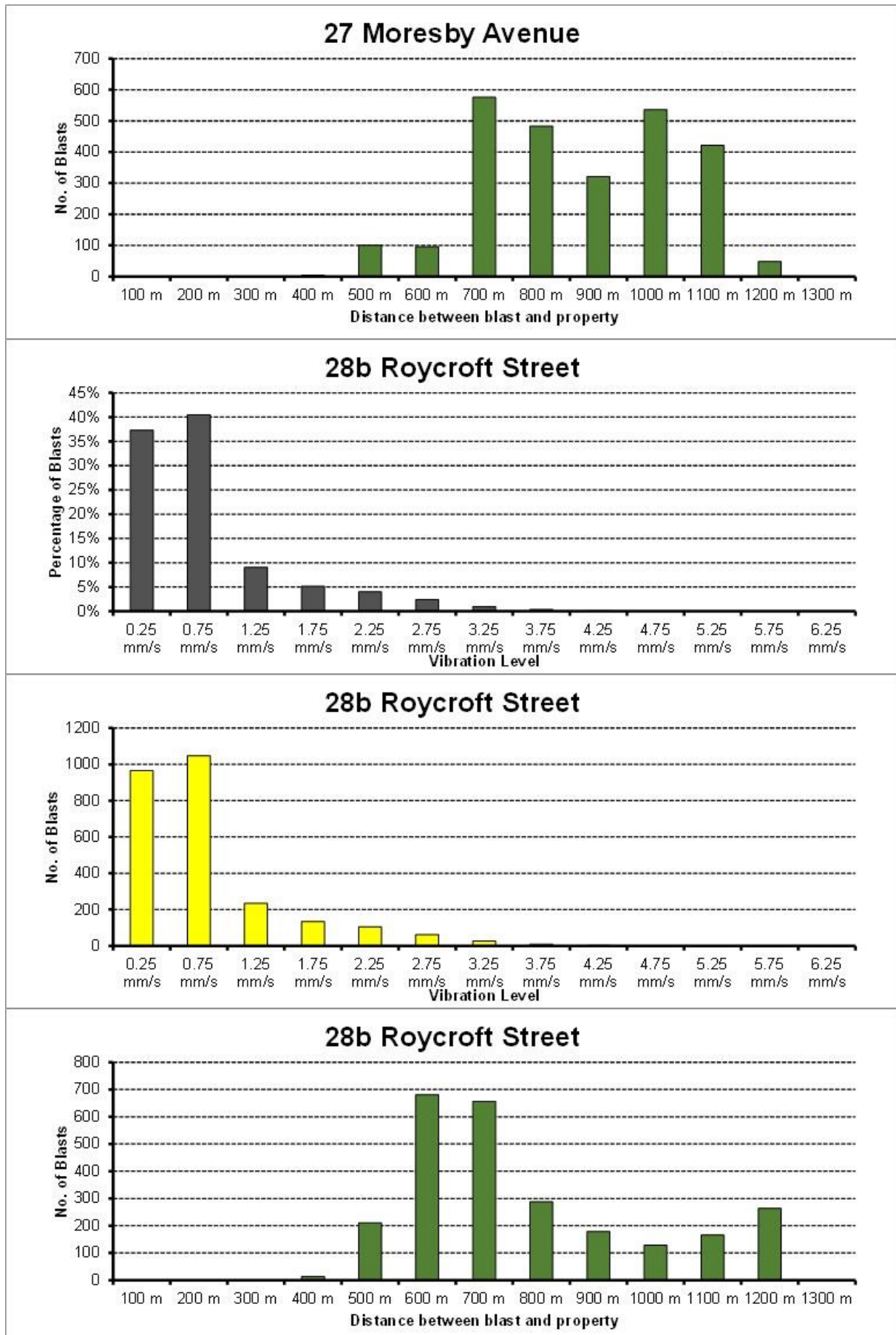


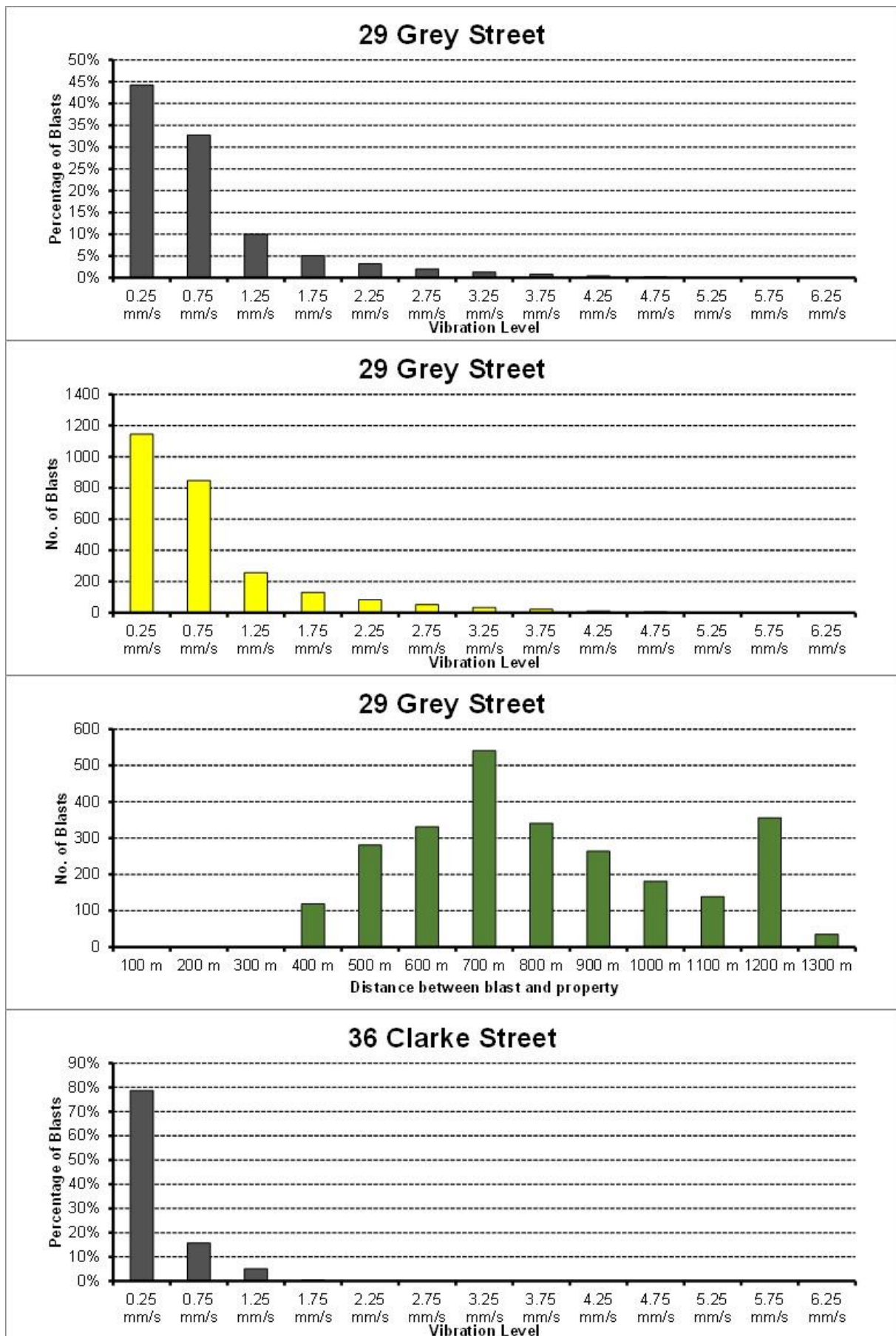




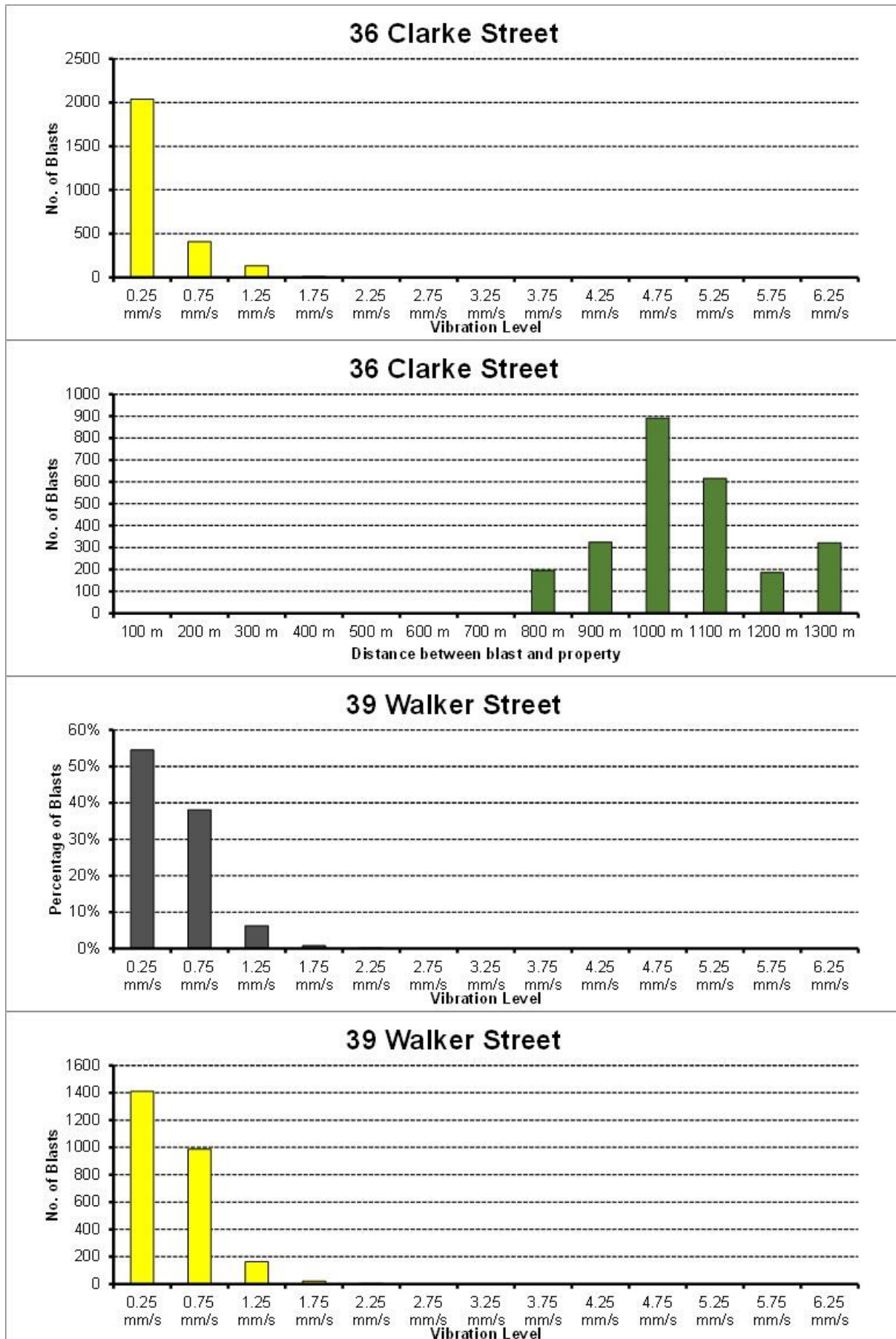


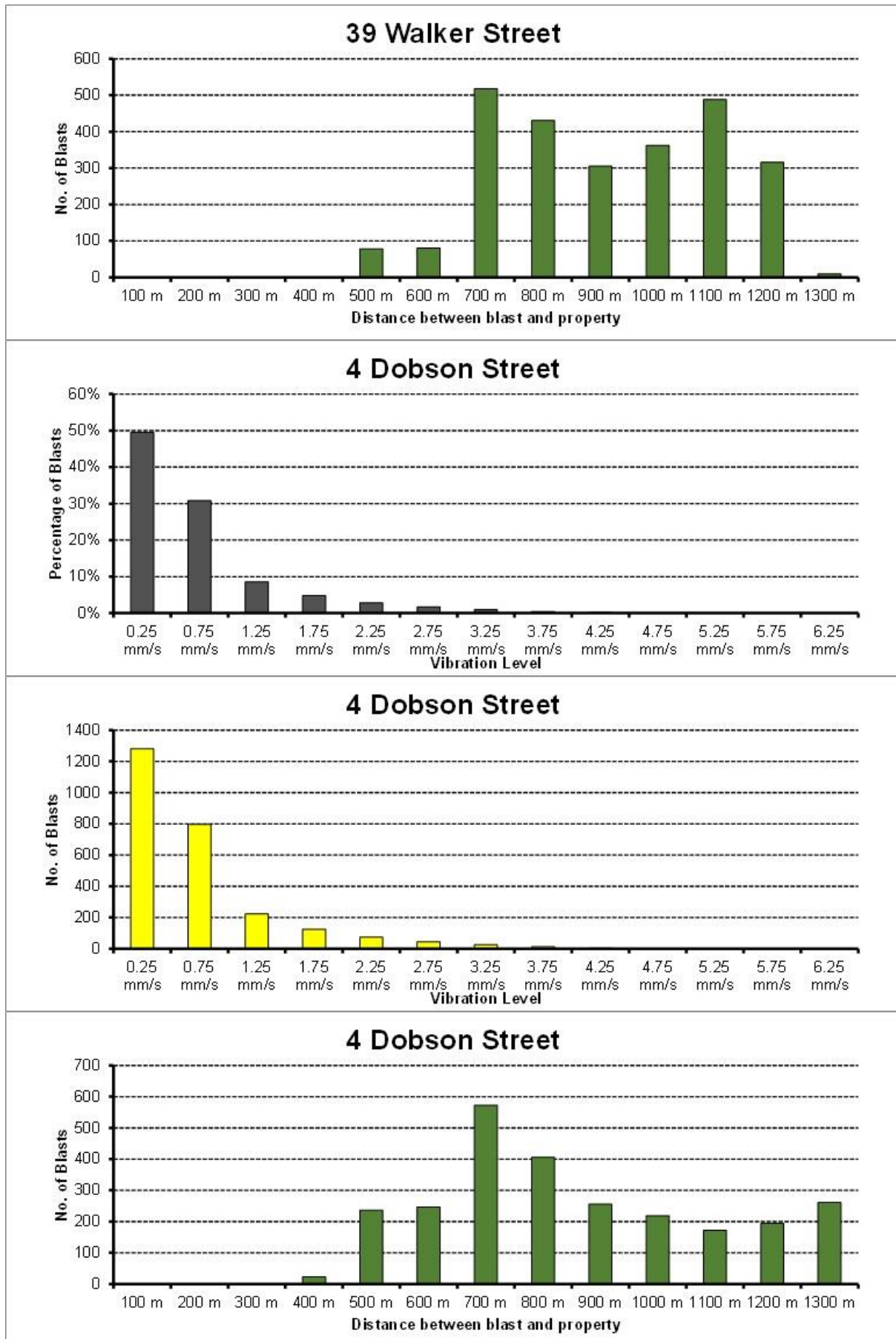


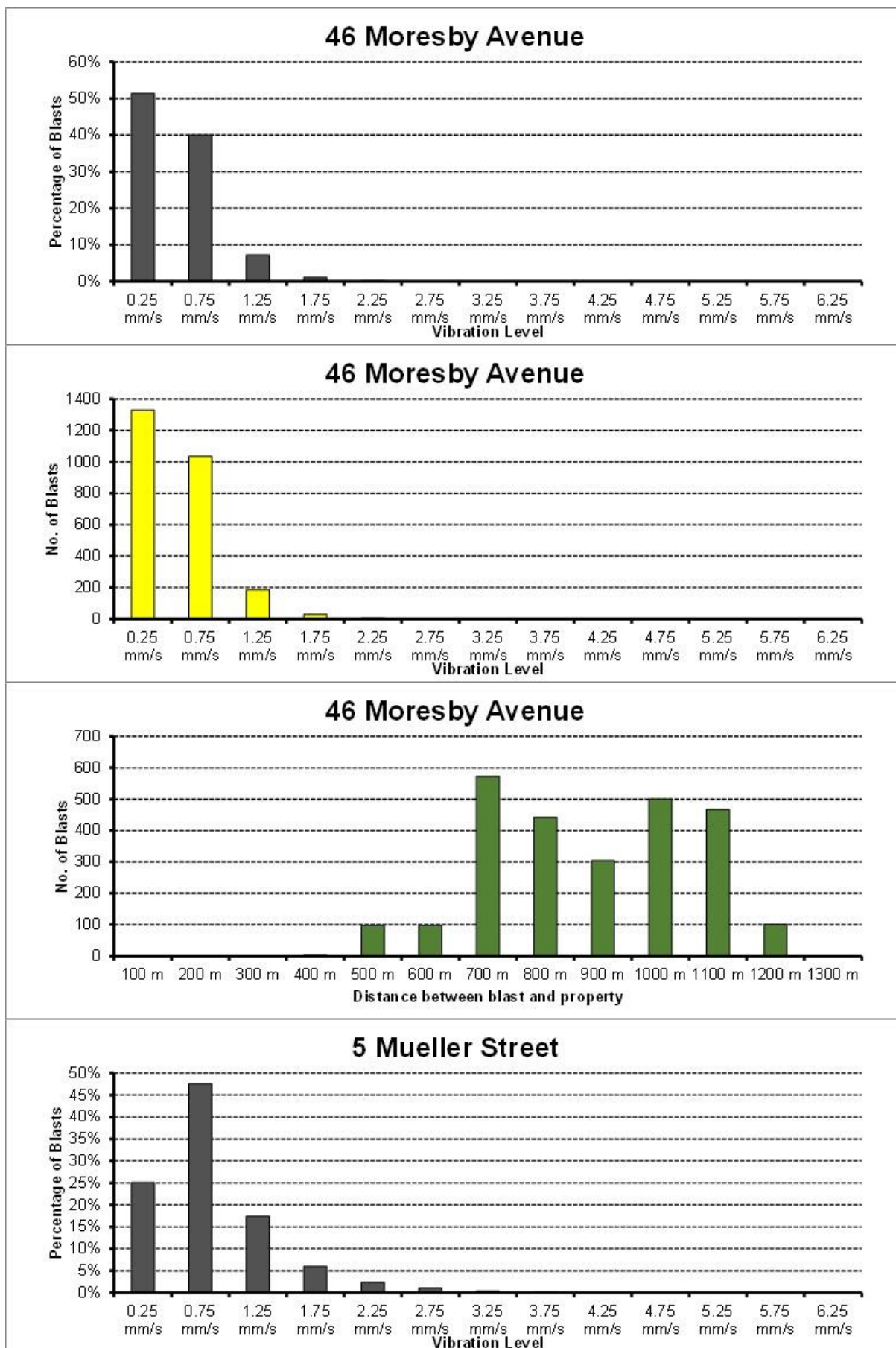




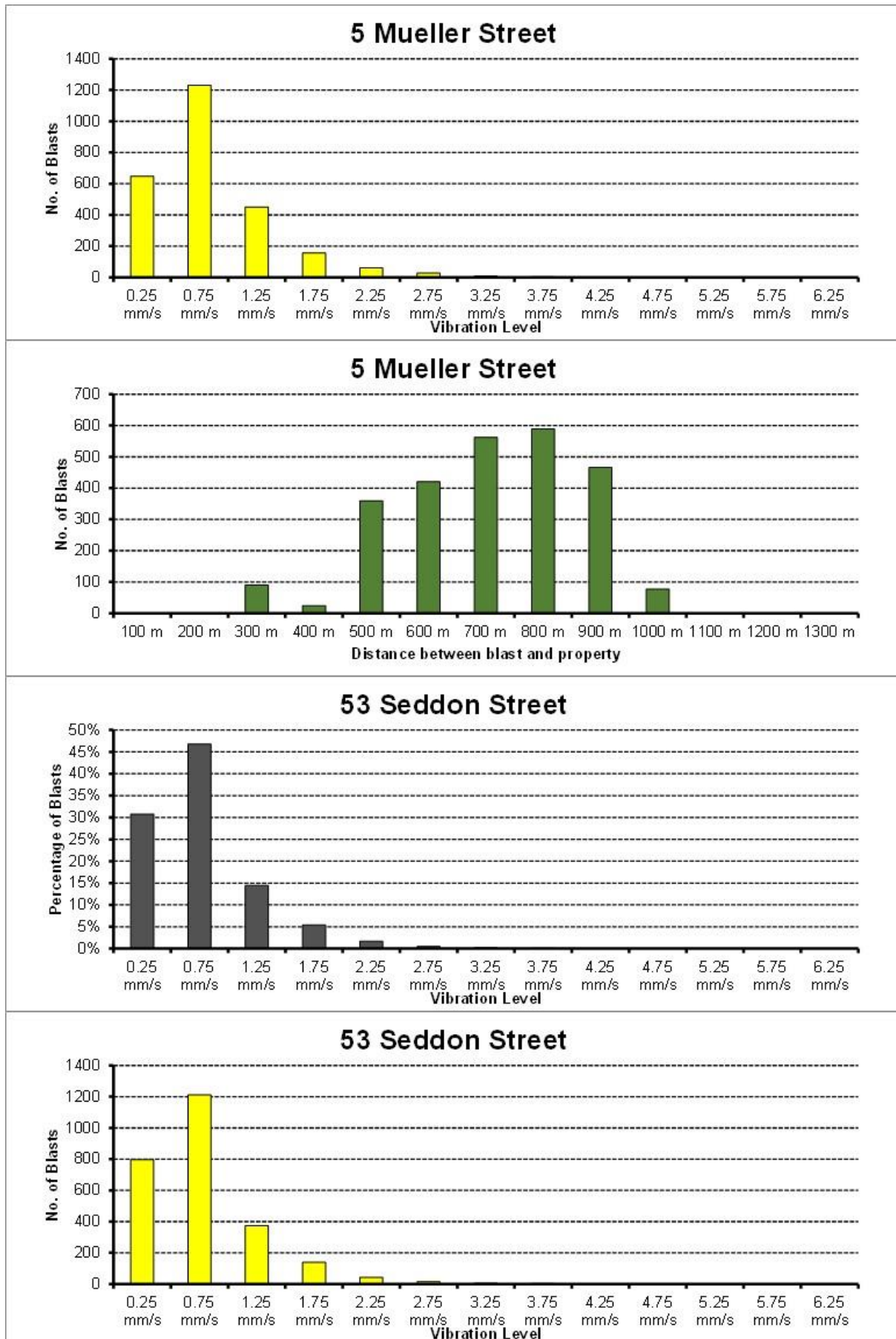




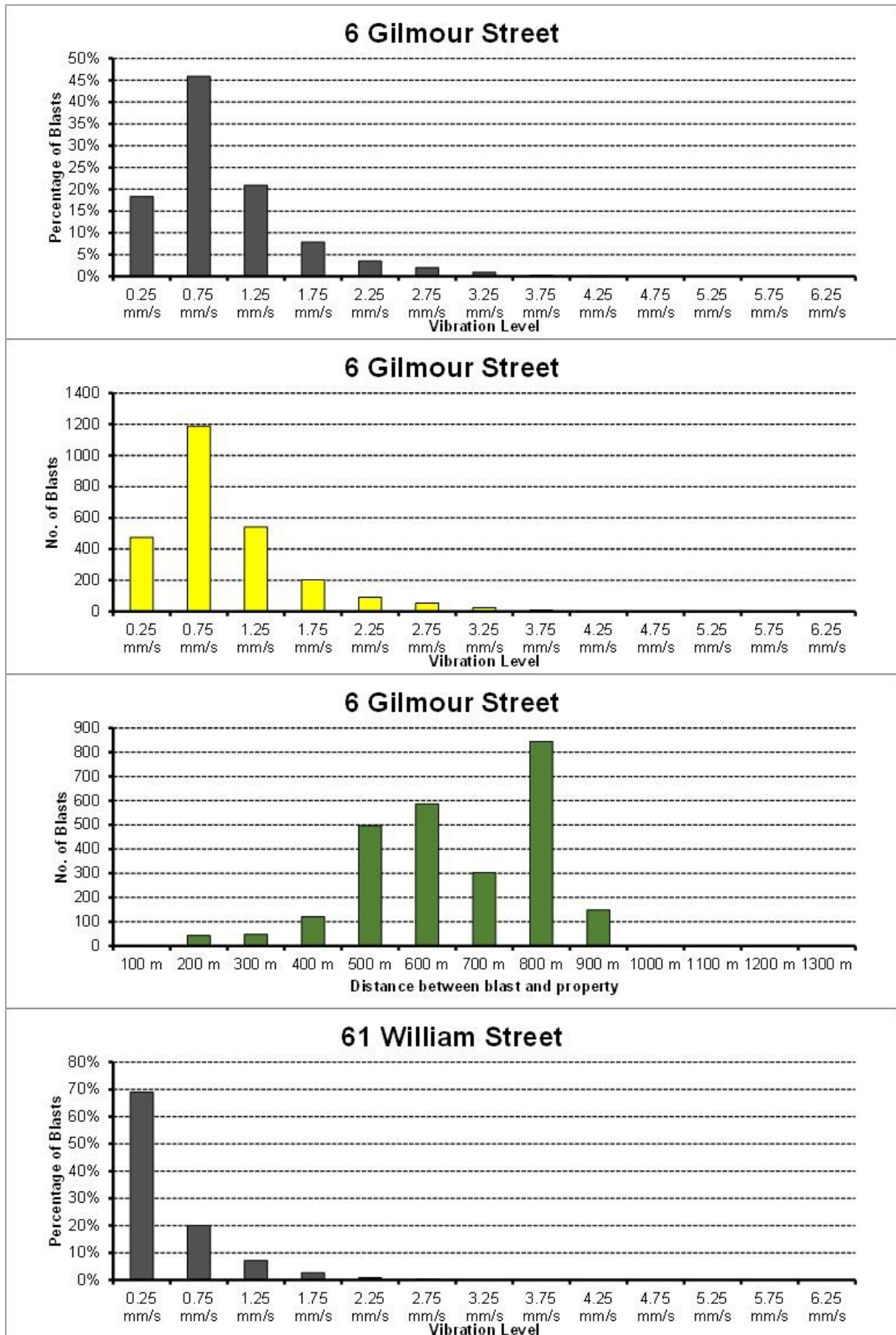




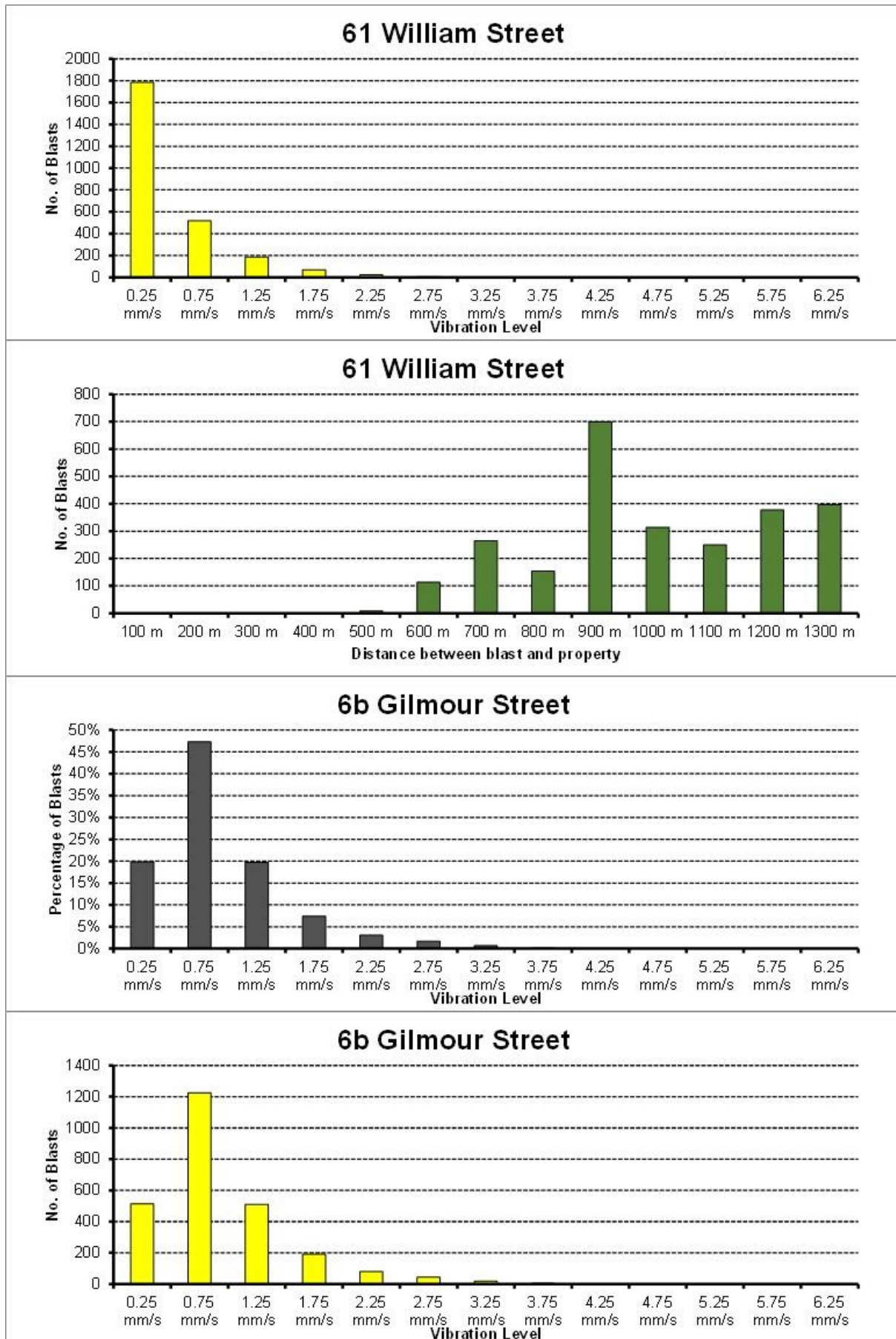


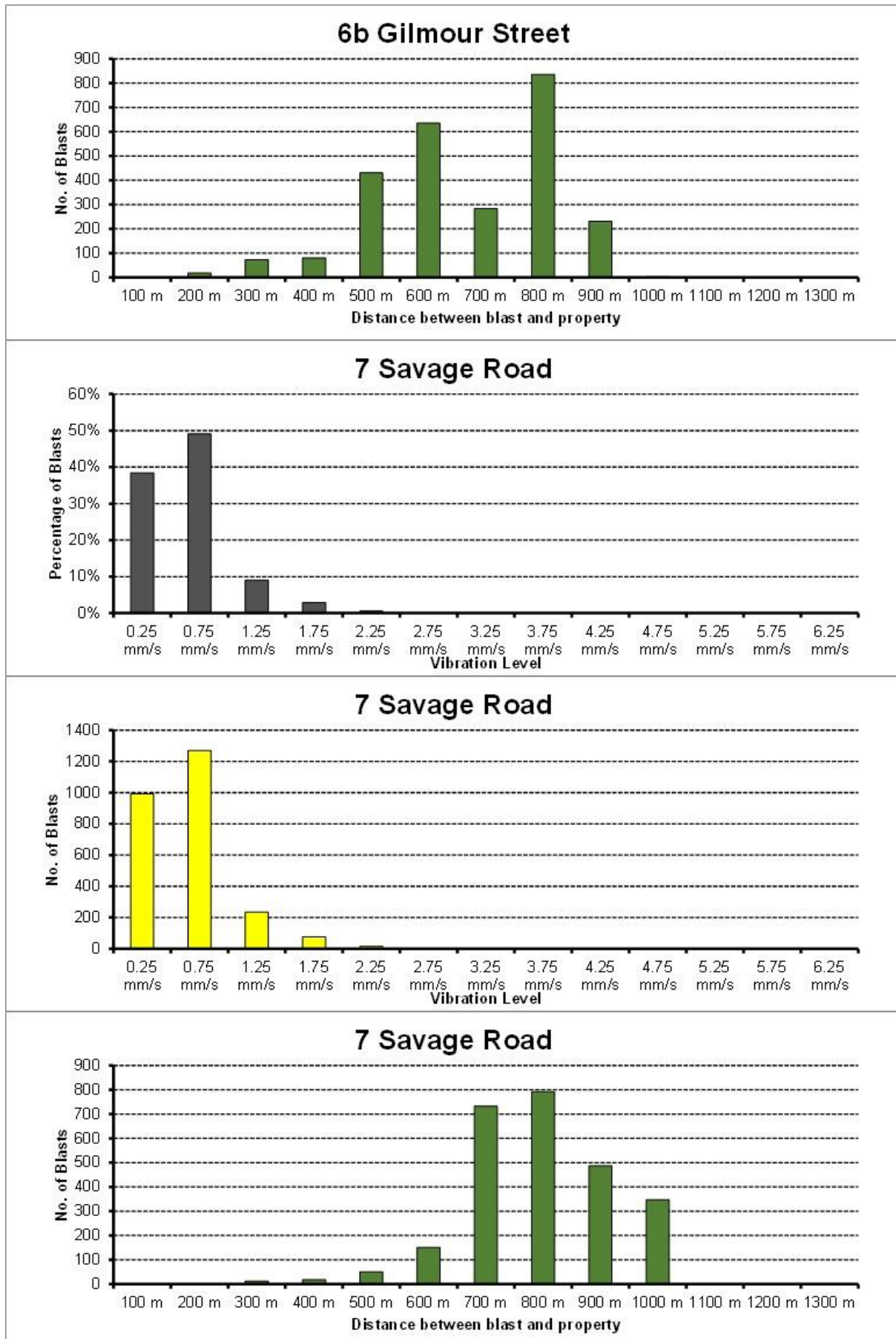


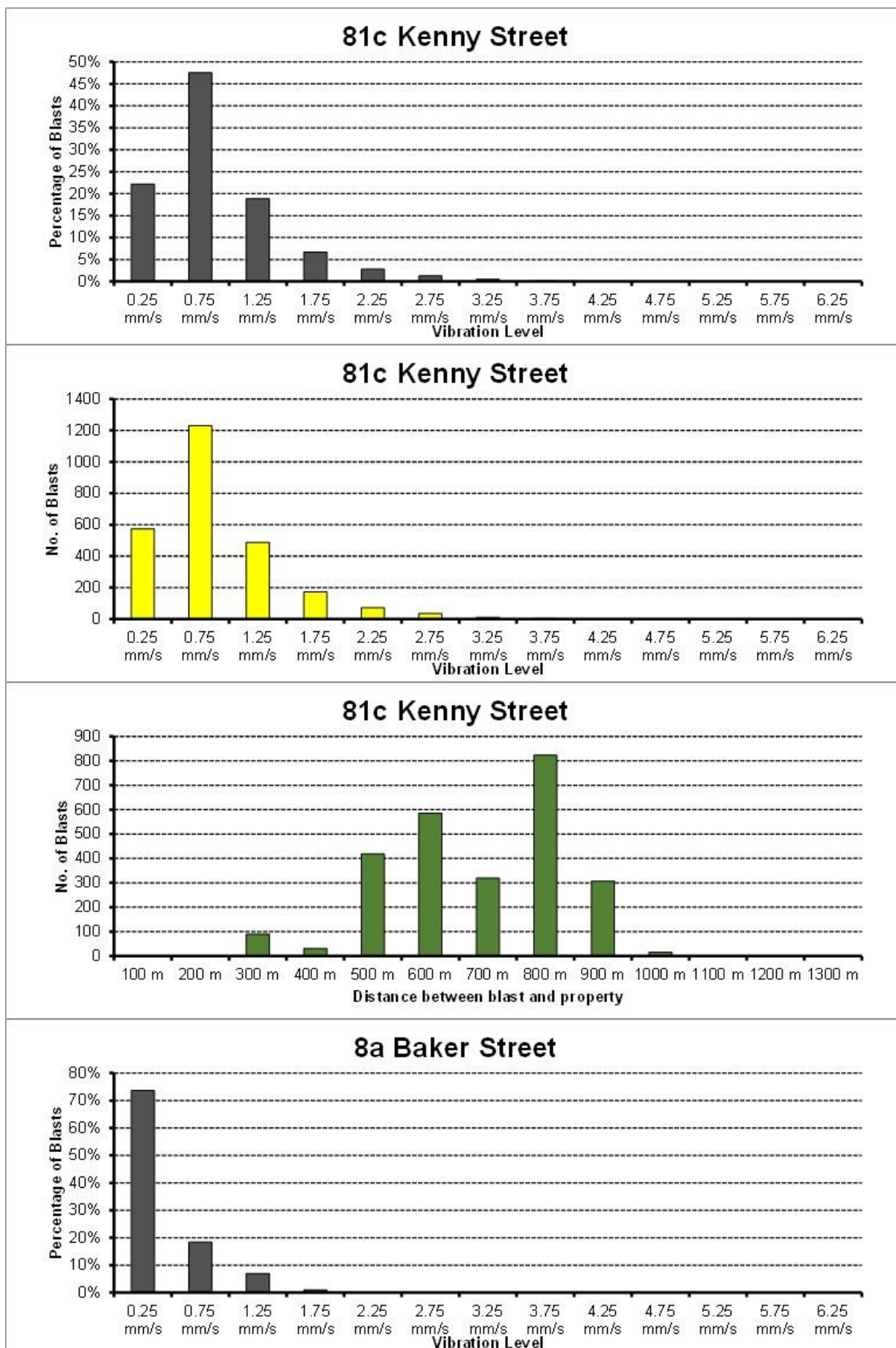




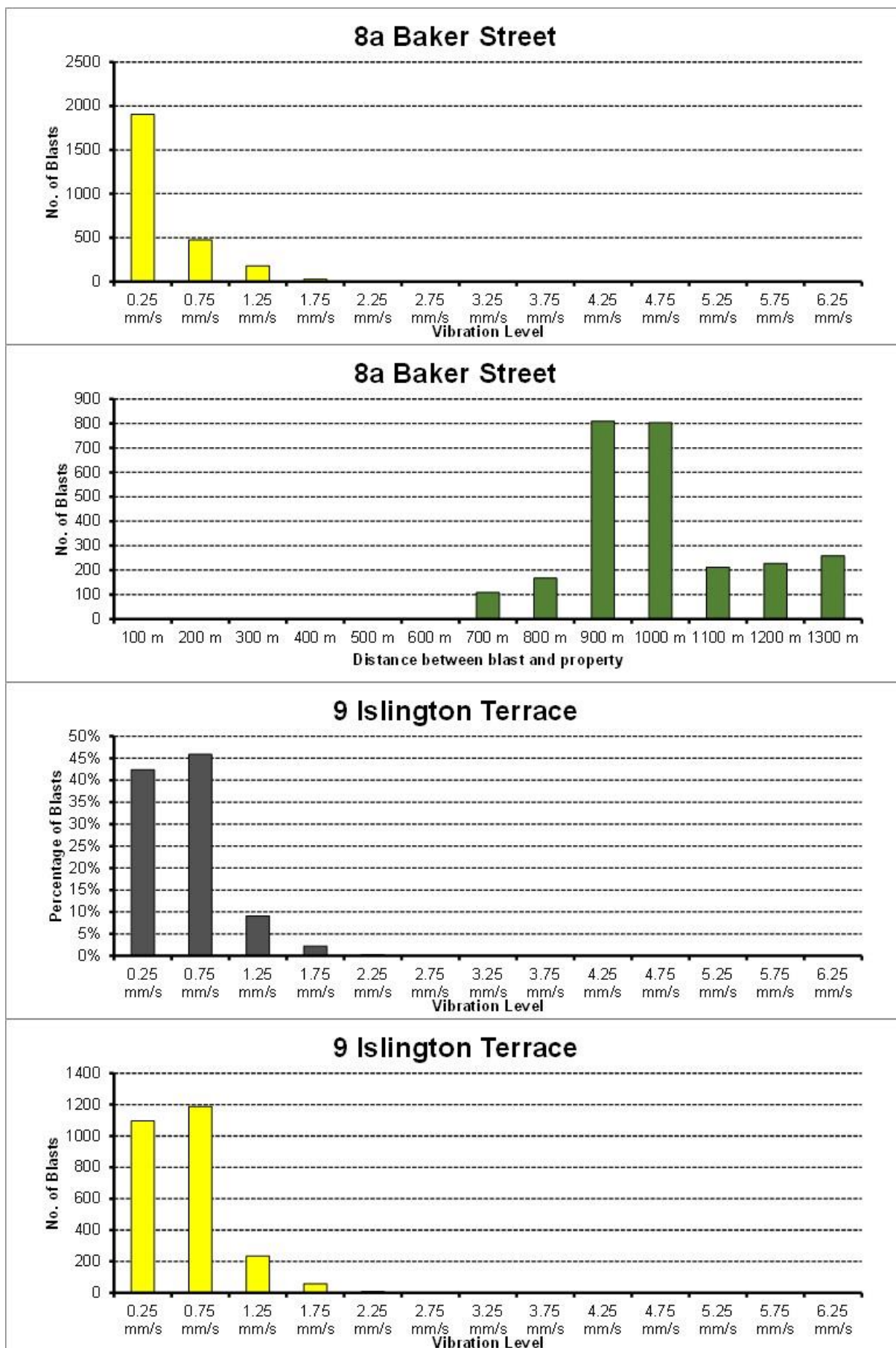


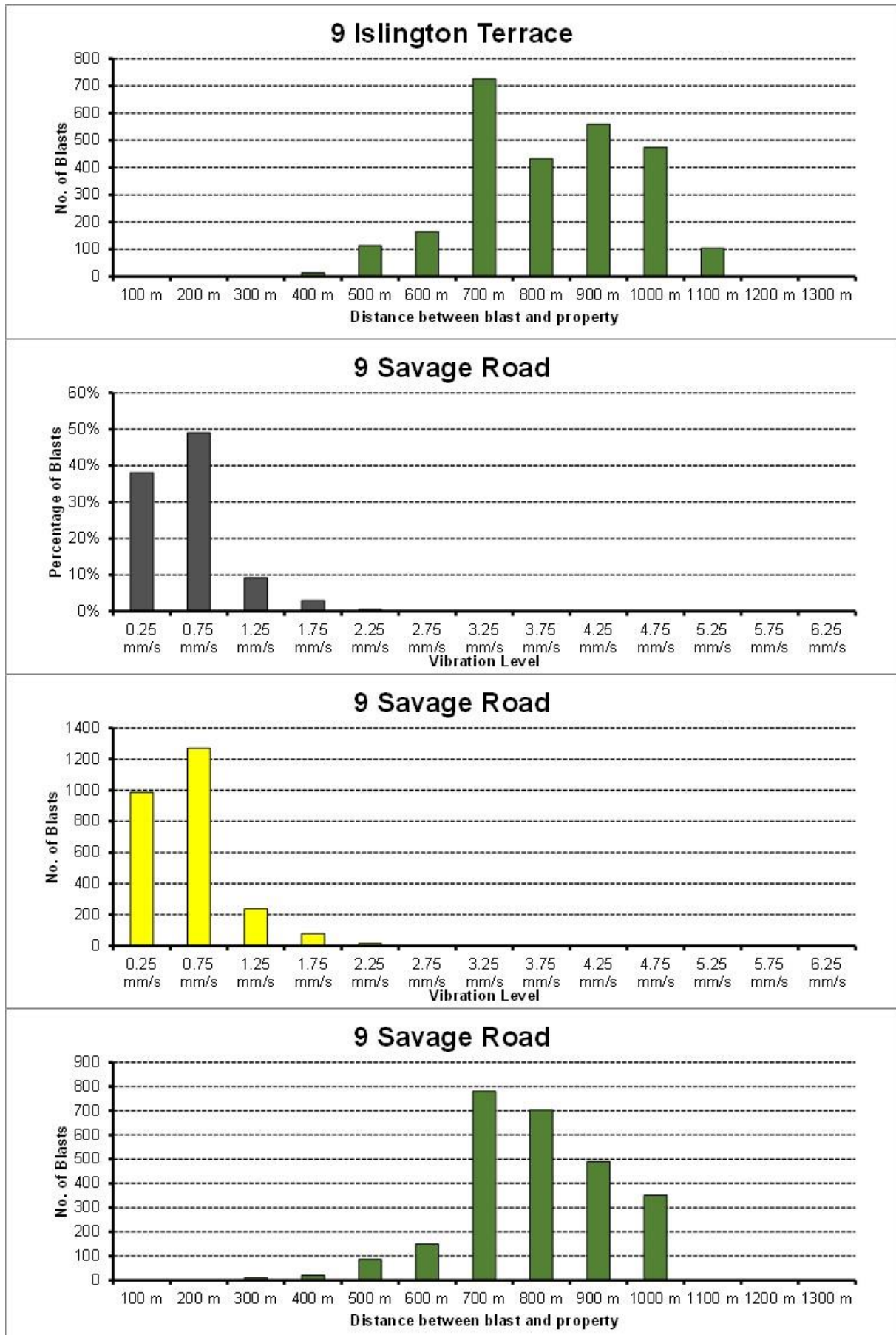


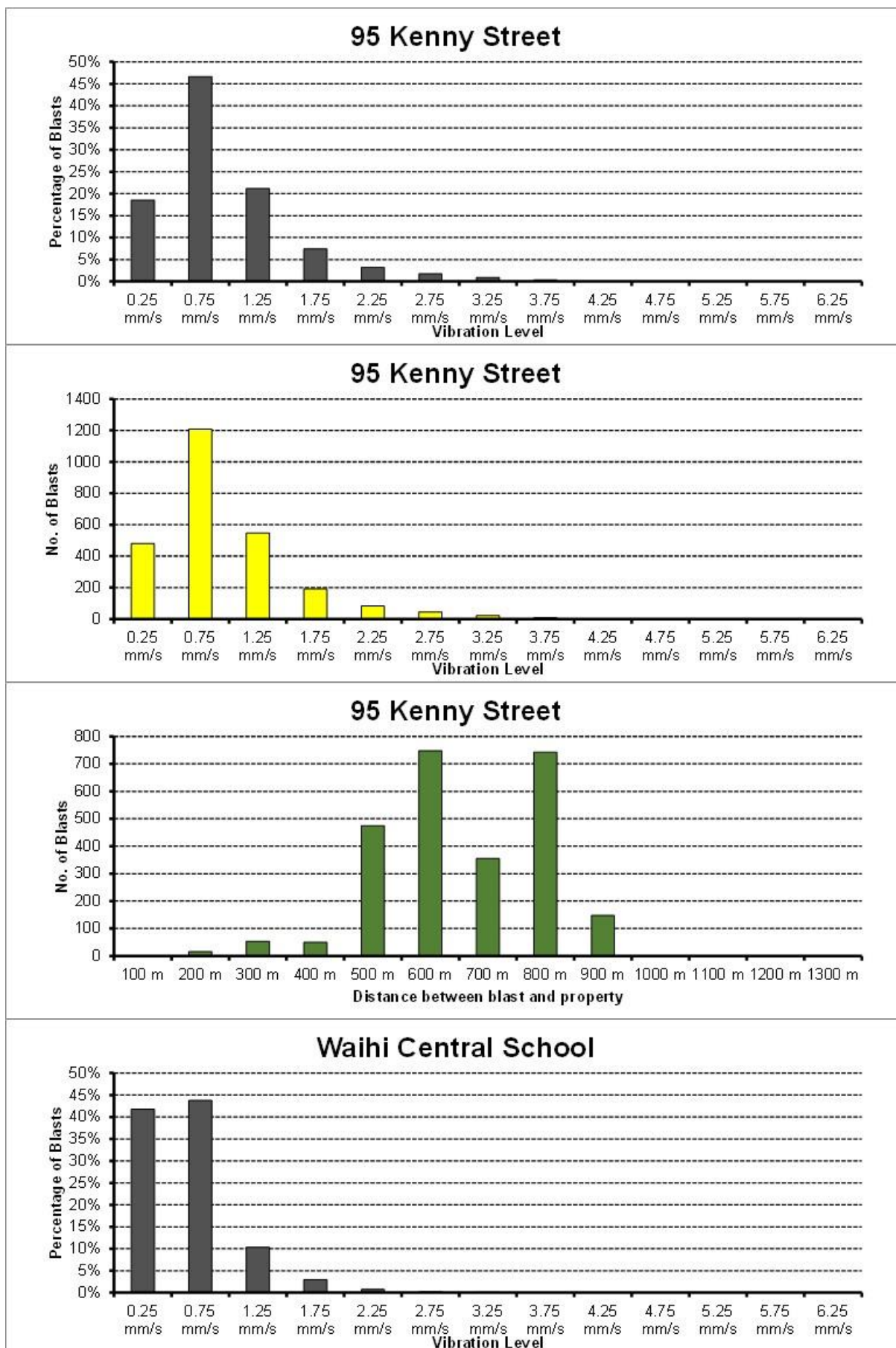




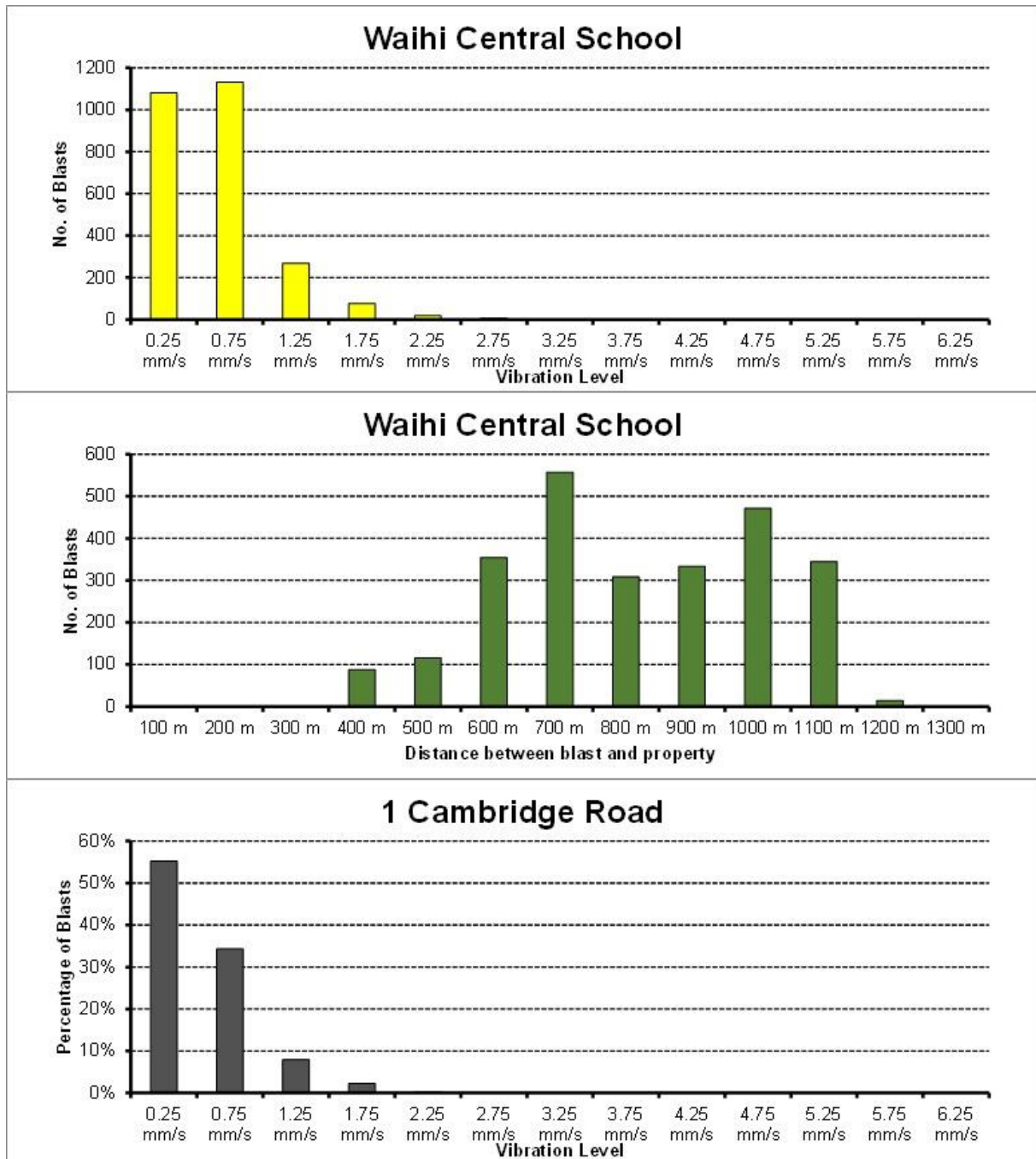


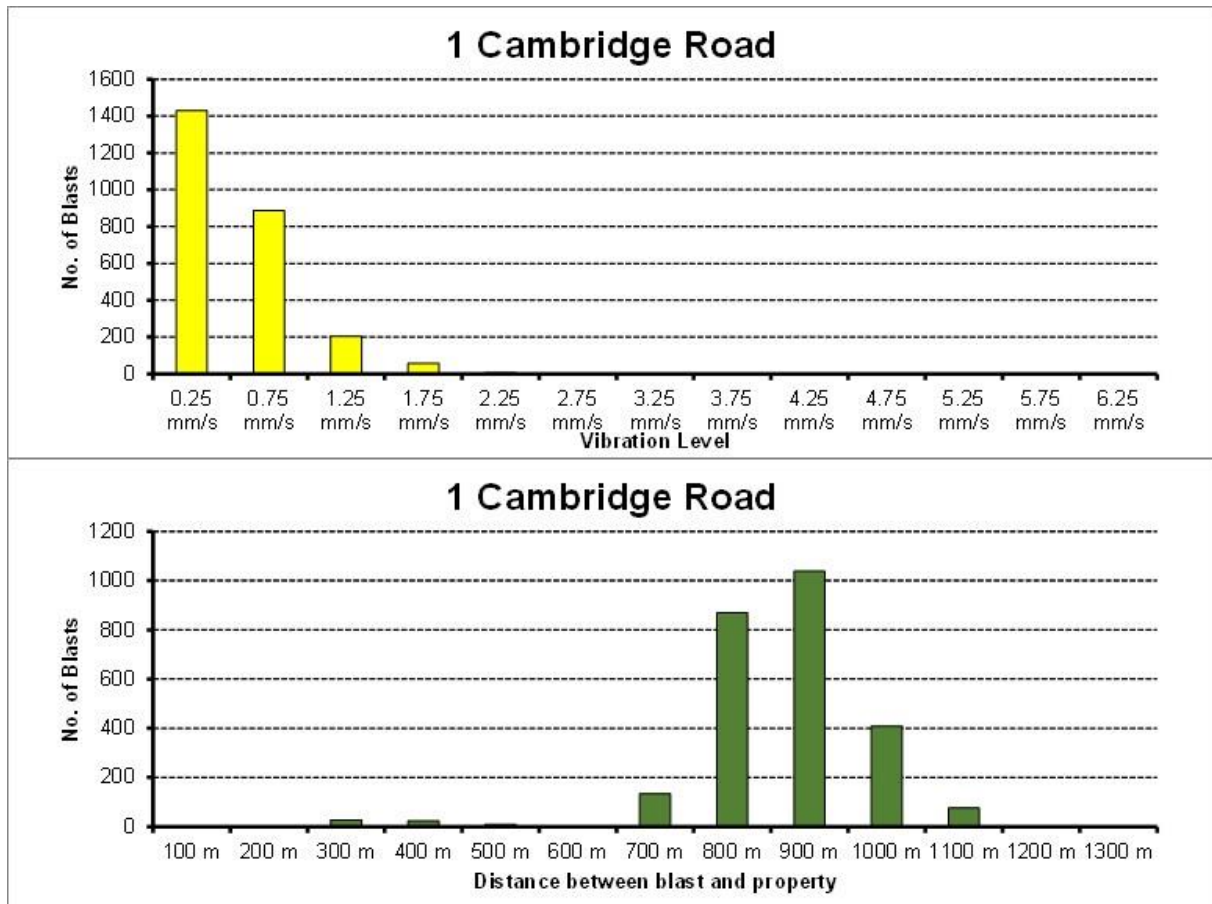




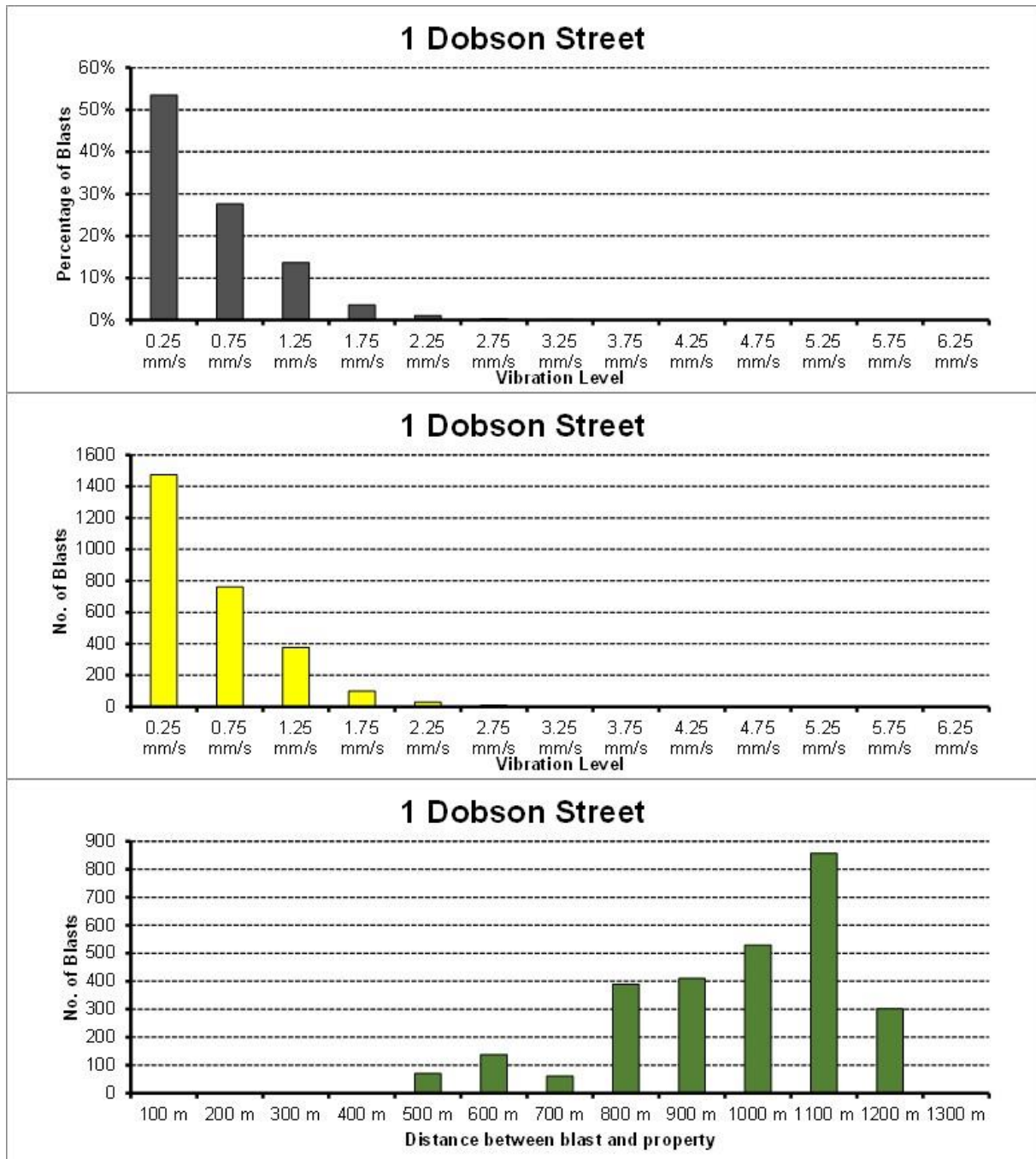




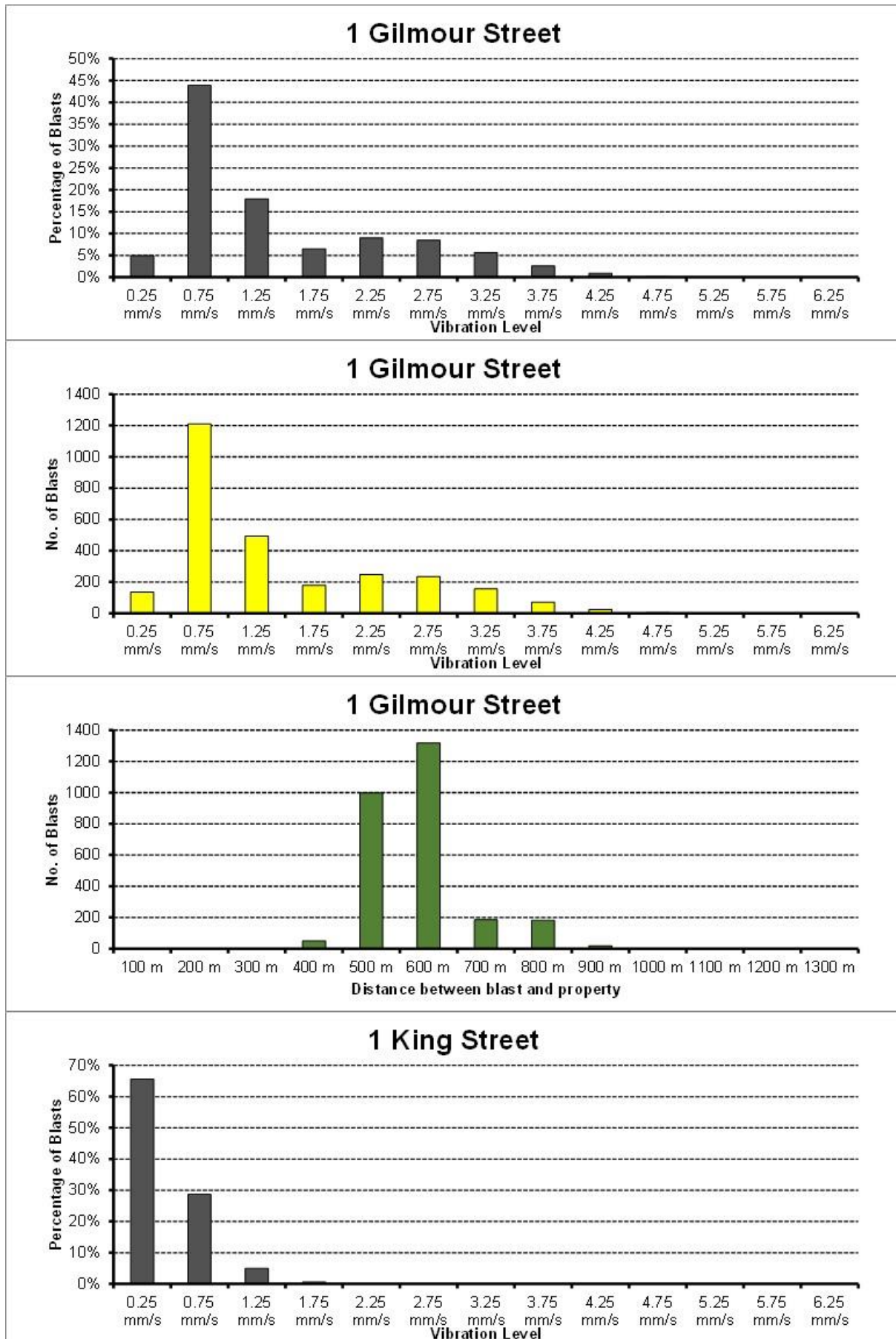


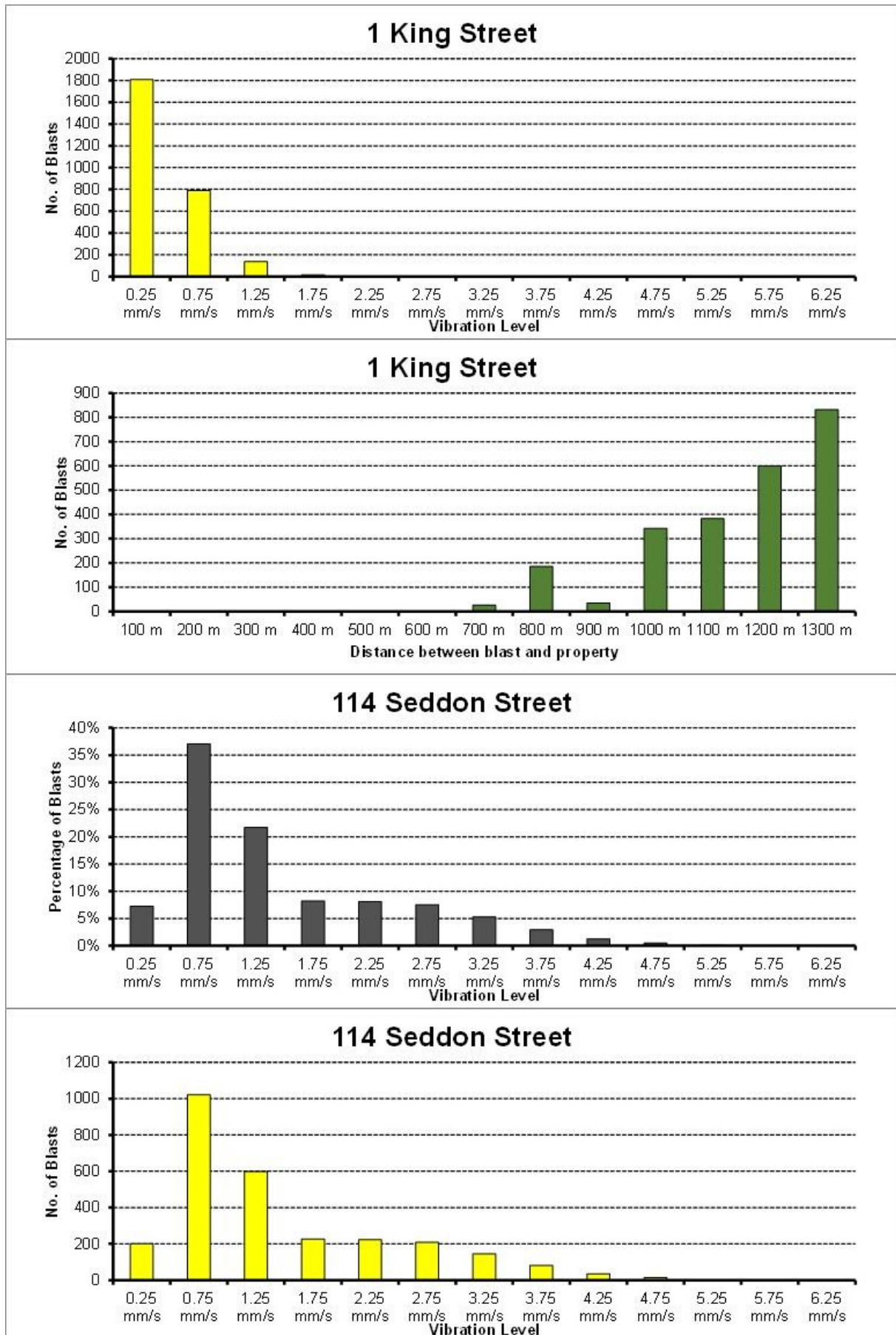


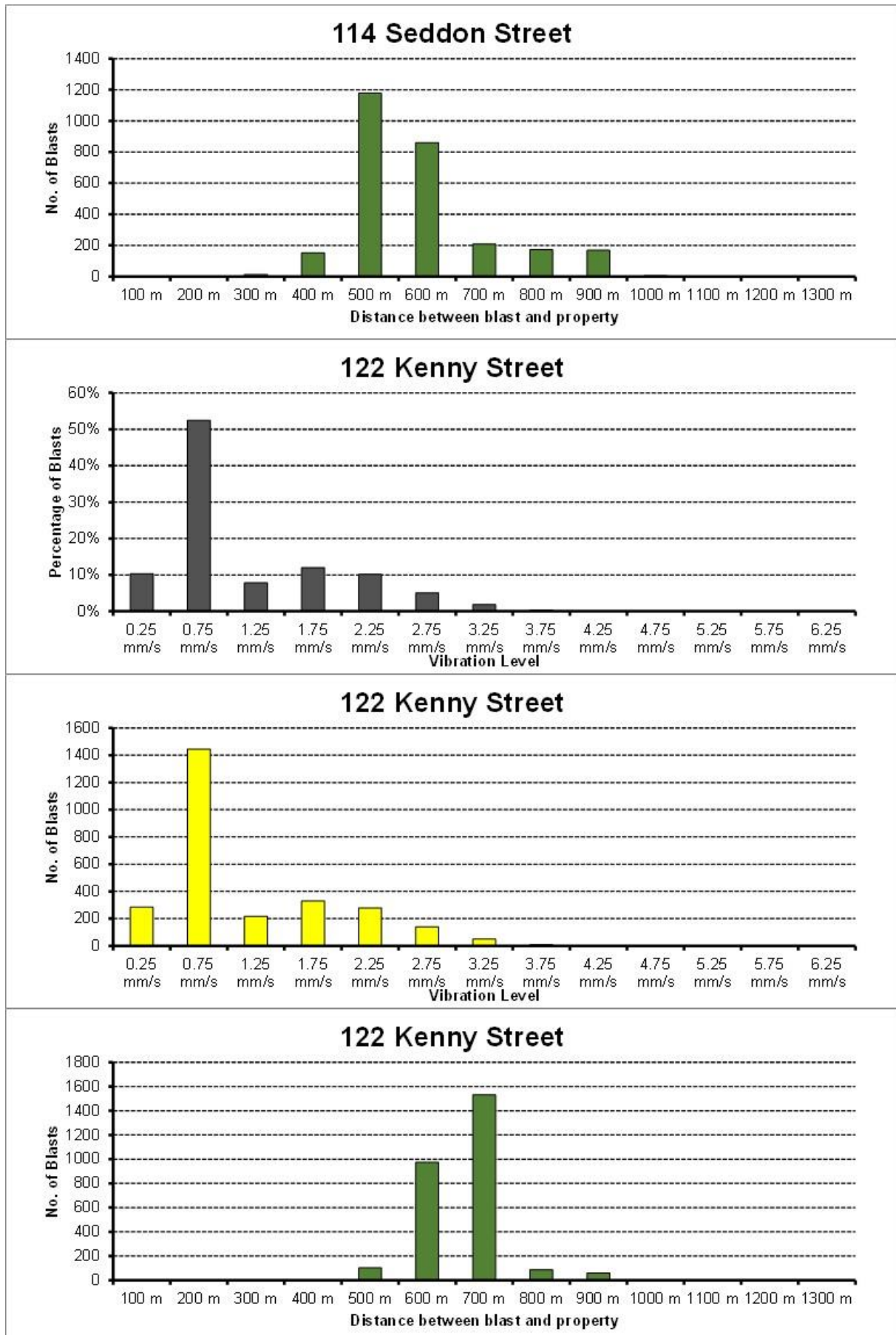
## 5. MARTHA PROJECT 2024



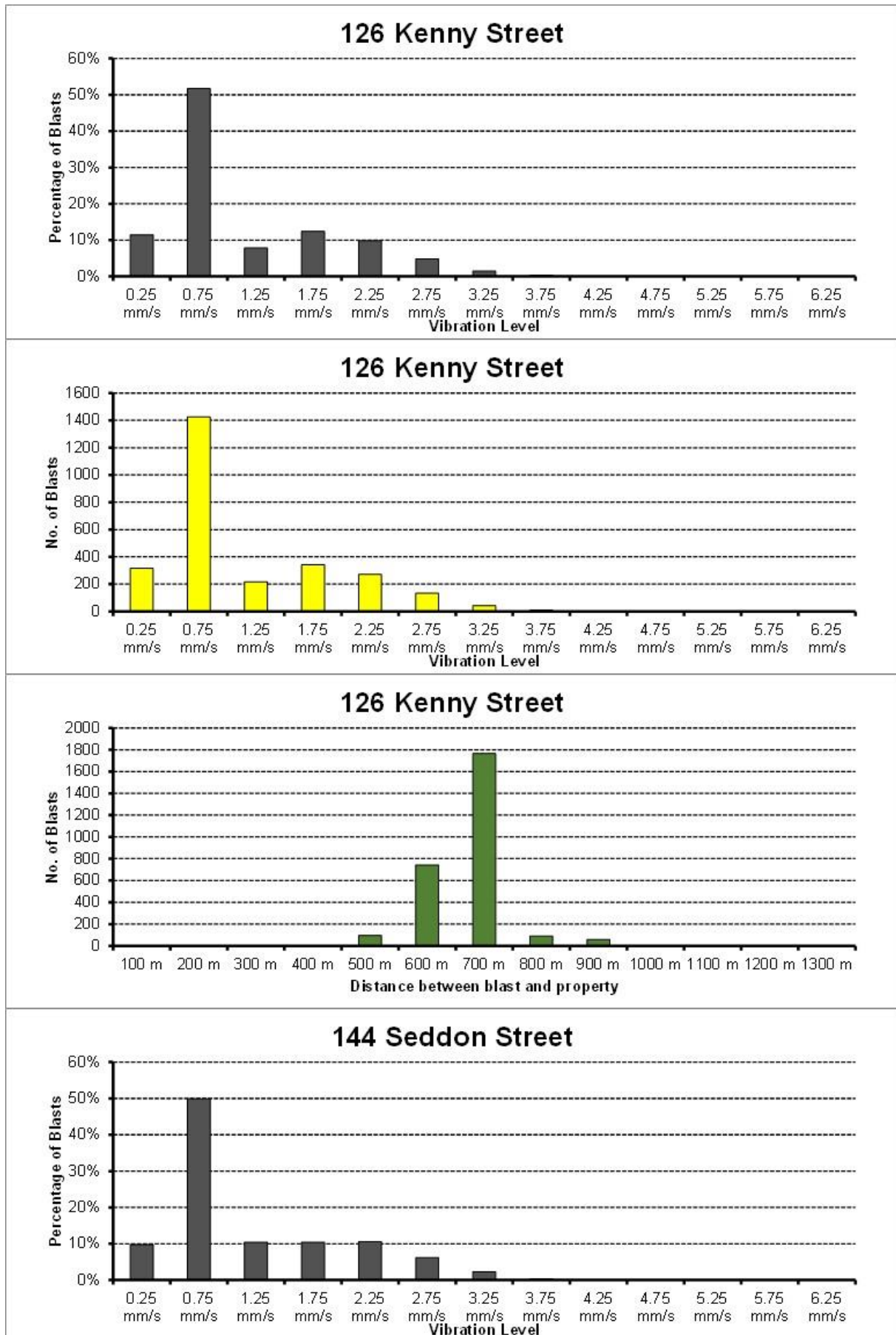




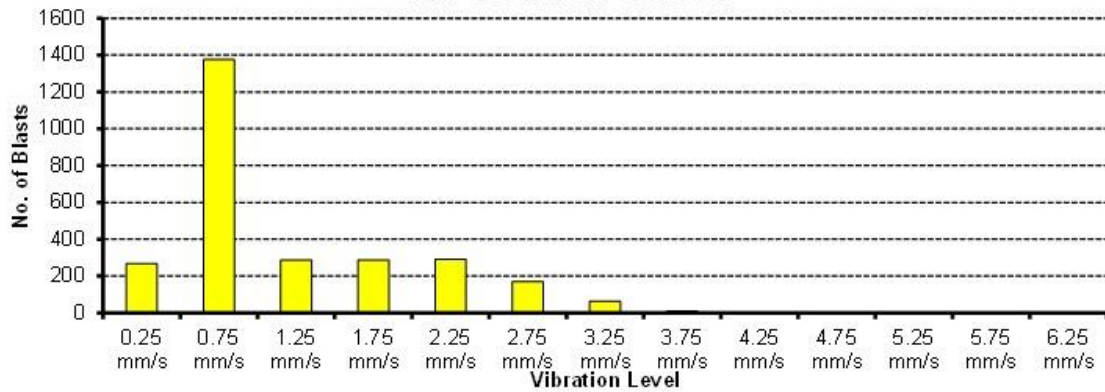




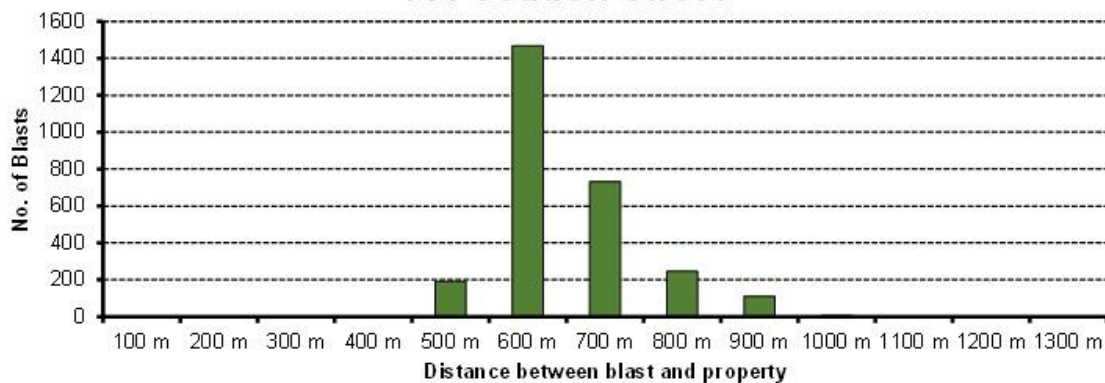




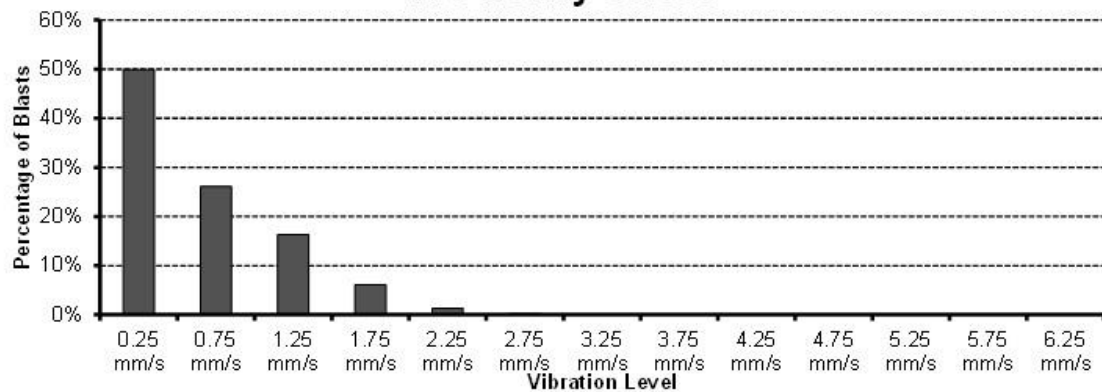
### 144 Seddon Street



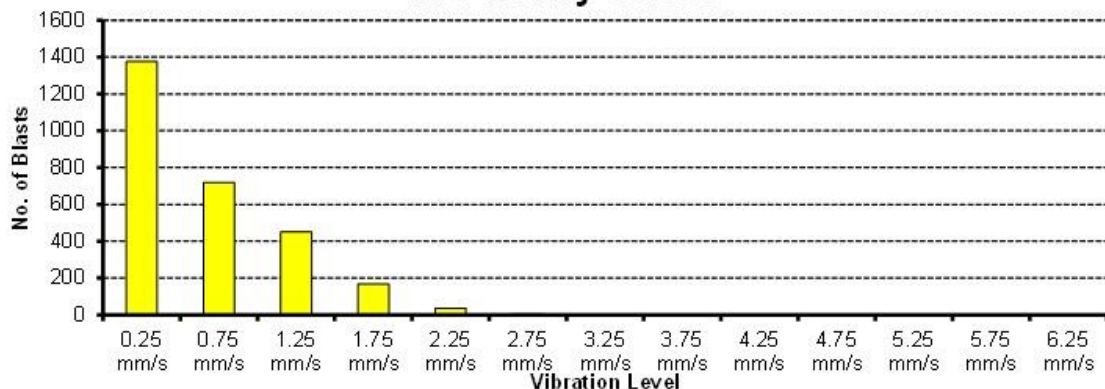
### 144 Seddon Street

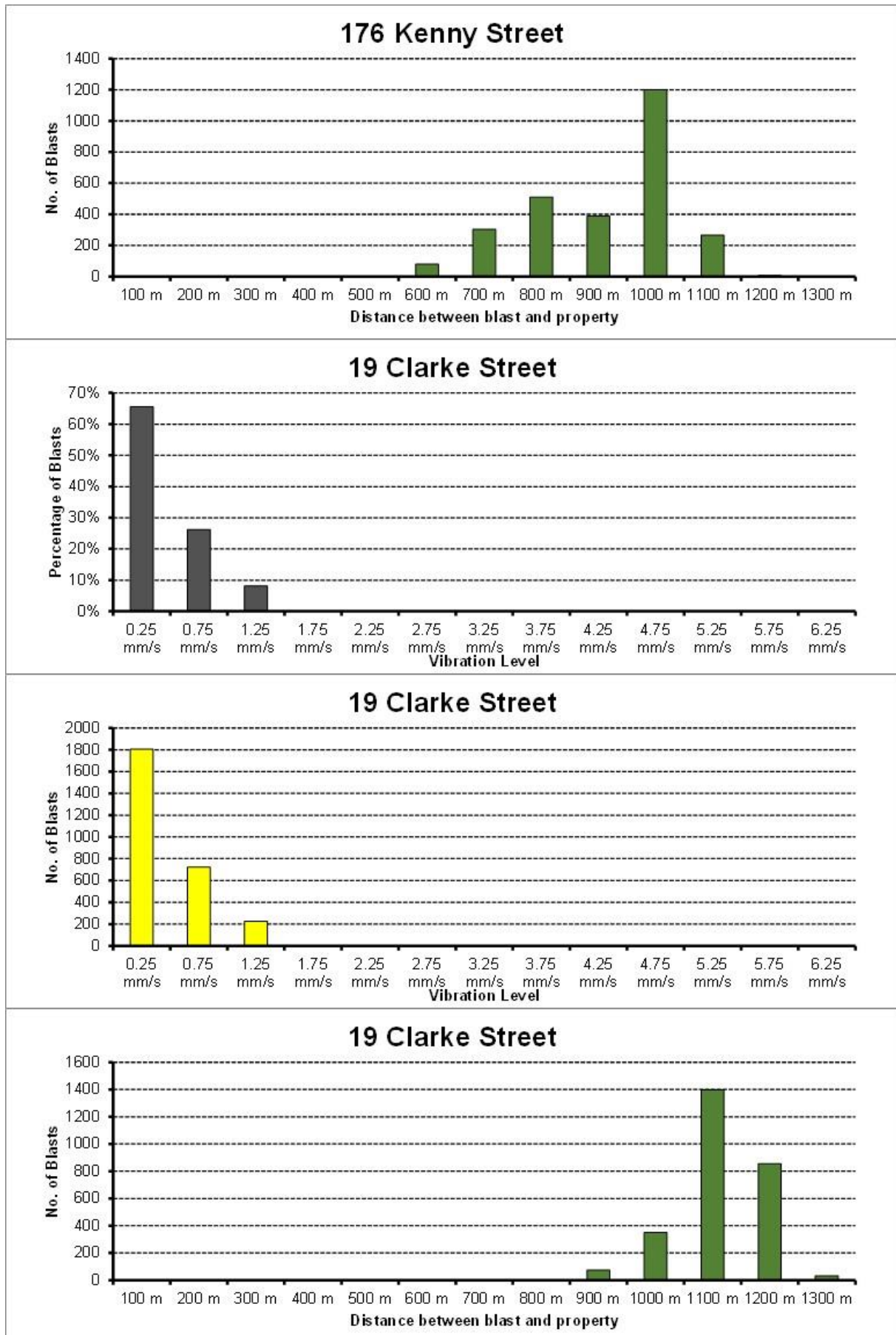


### 176 Kenny Street



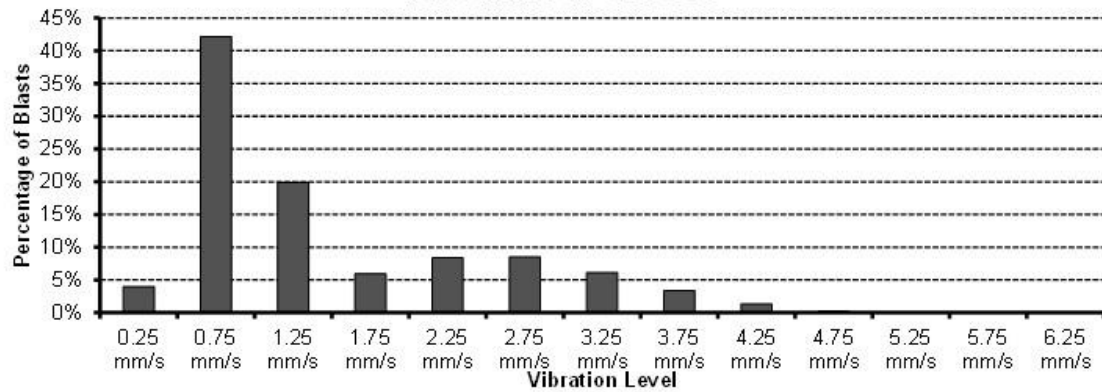
### 176 Kenny Street



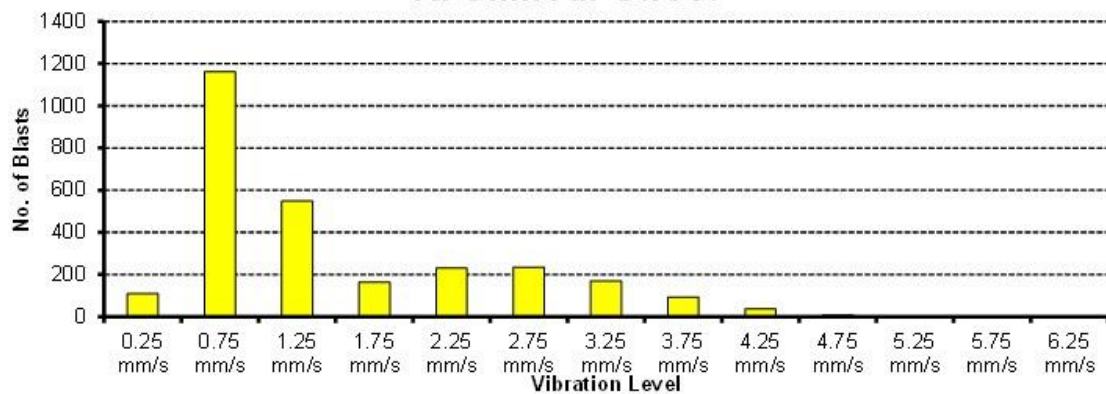




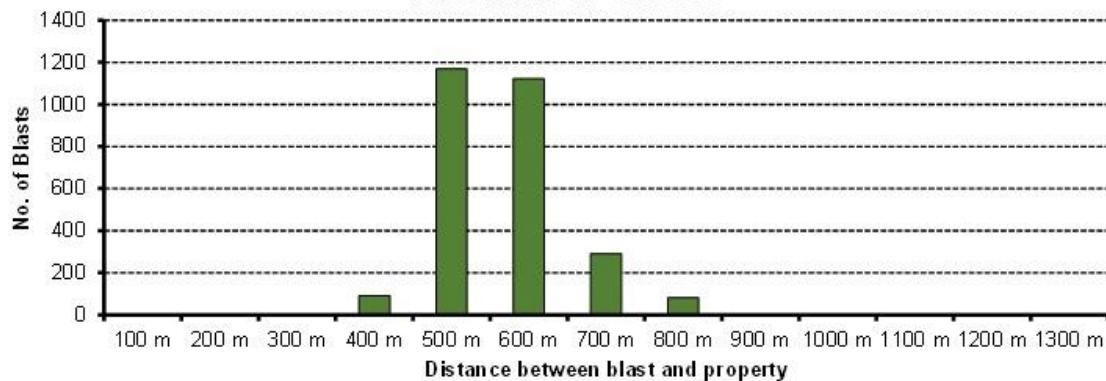
### 1a Gilmour Street



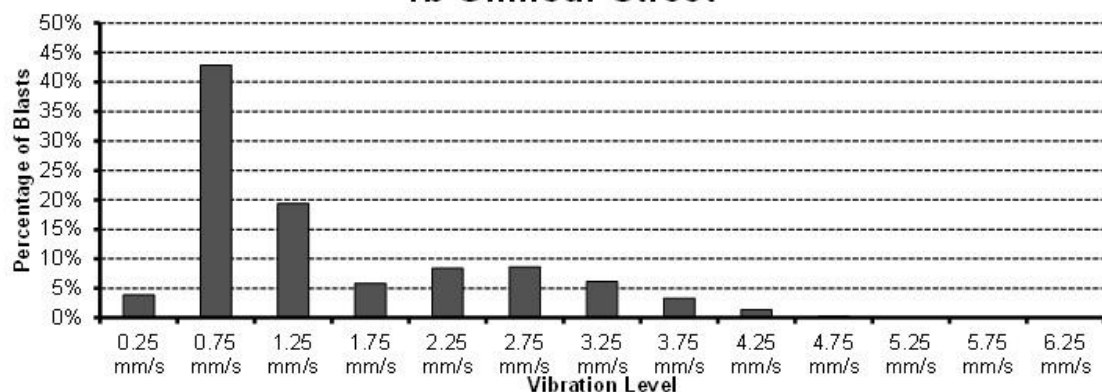
### 1a Gilmour Street

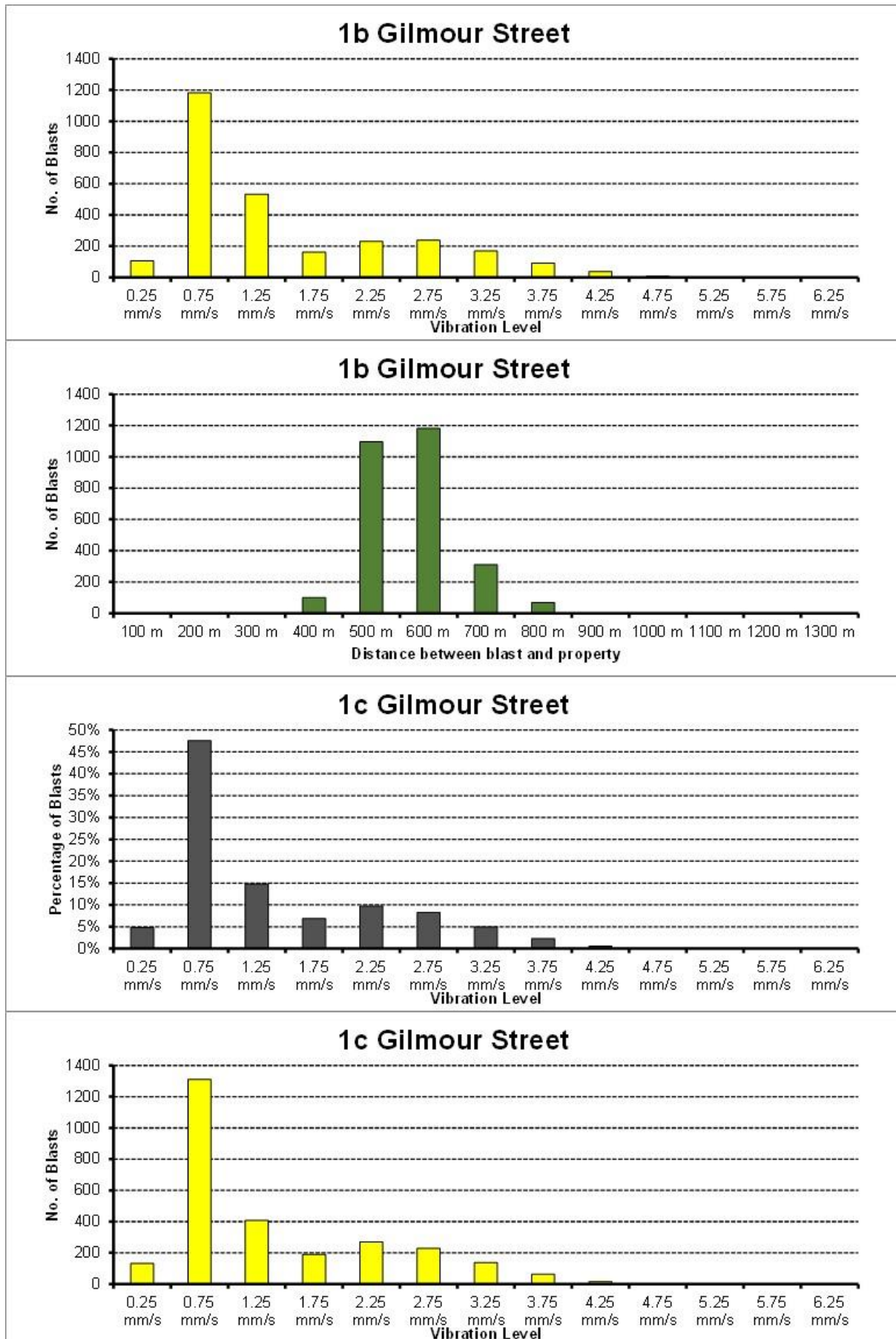


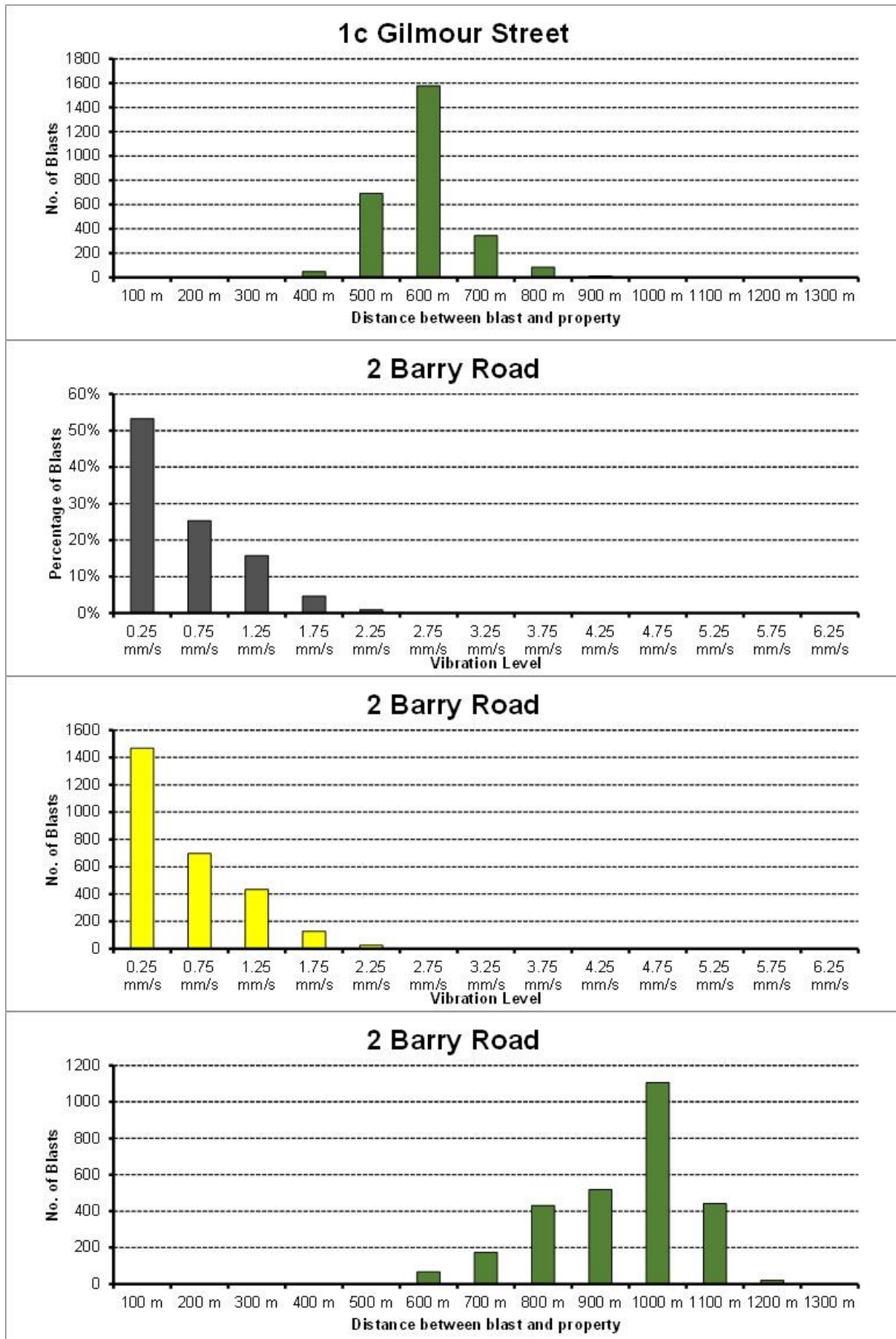
### 1a Gilmour Street



### 1b Gilmour Street

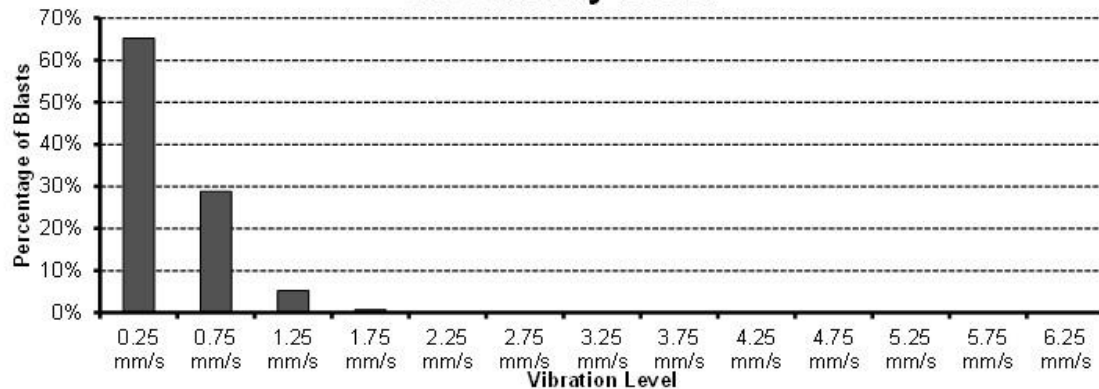




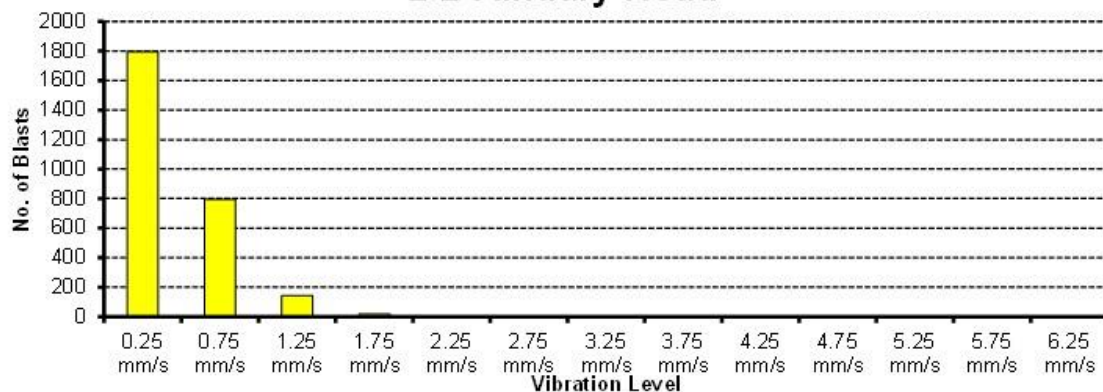




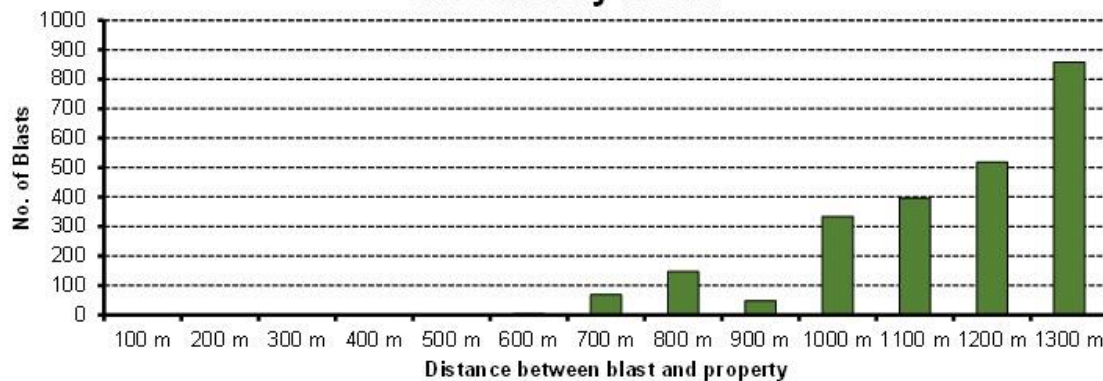
## 2 Boundary Road



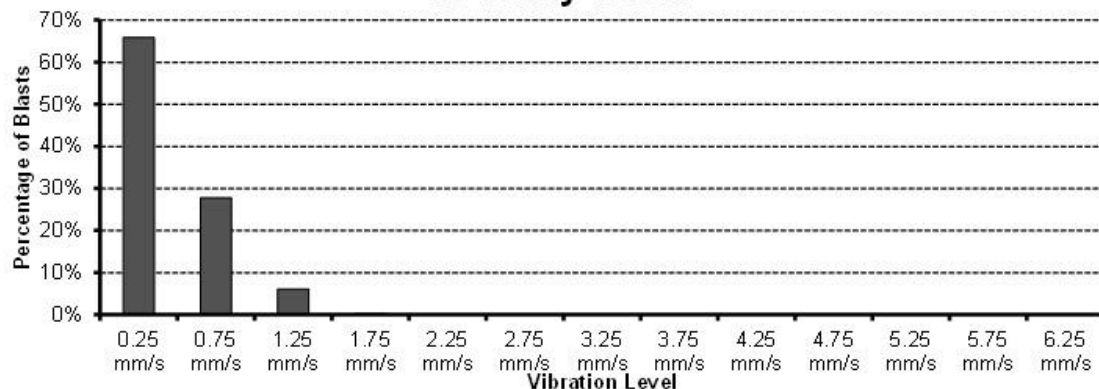
## 2 Boundary Road

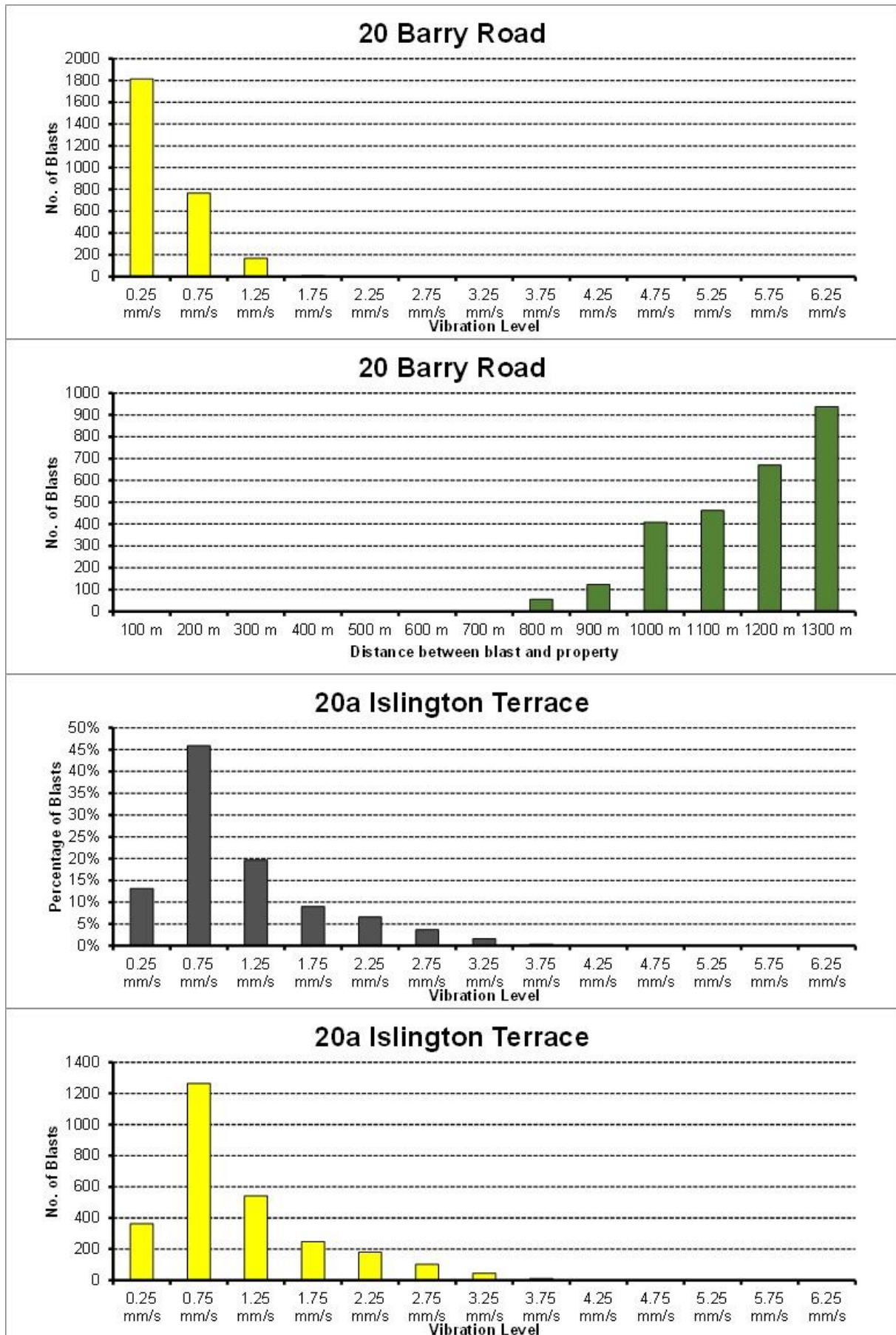


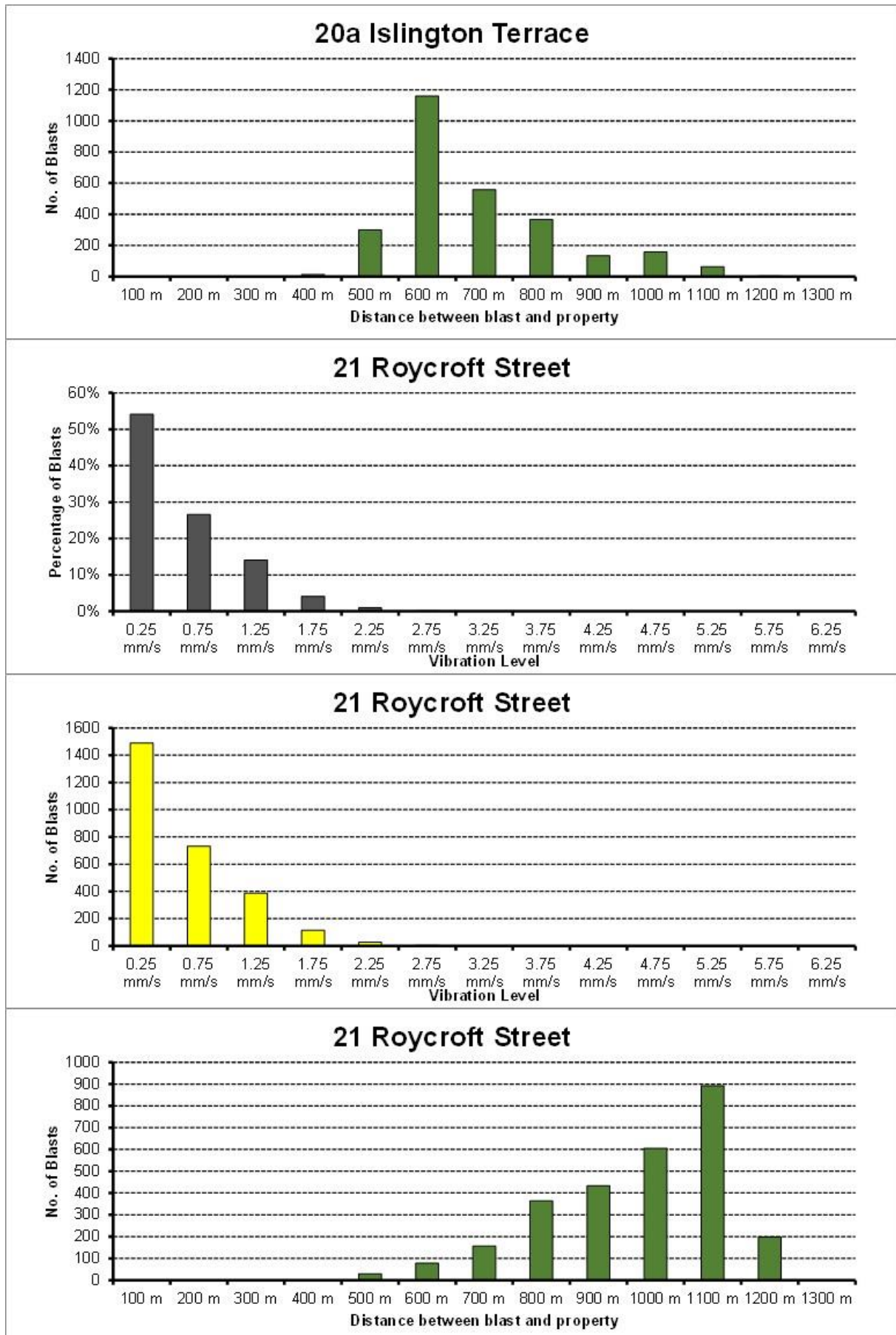
## 2 Boundary Road



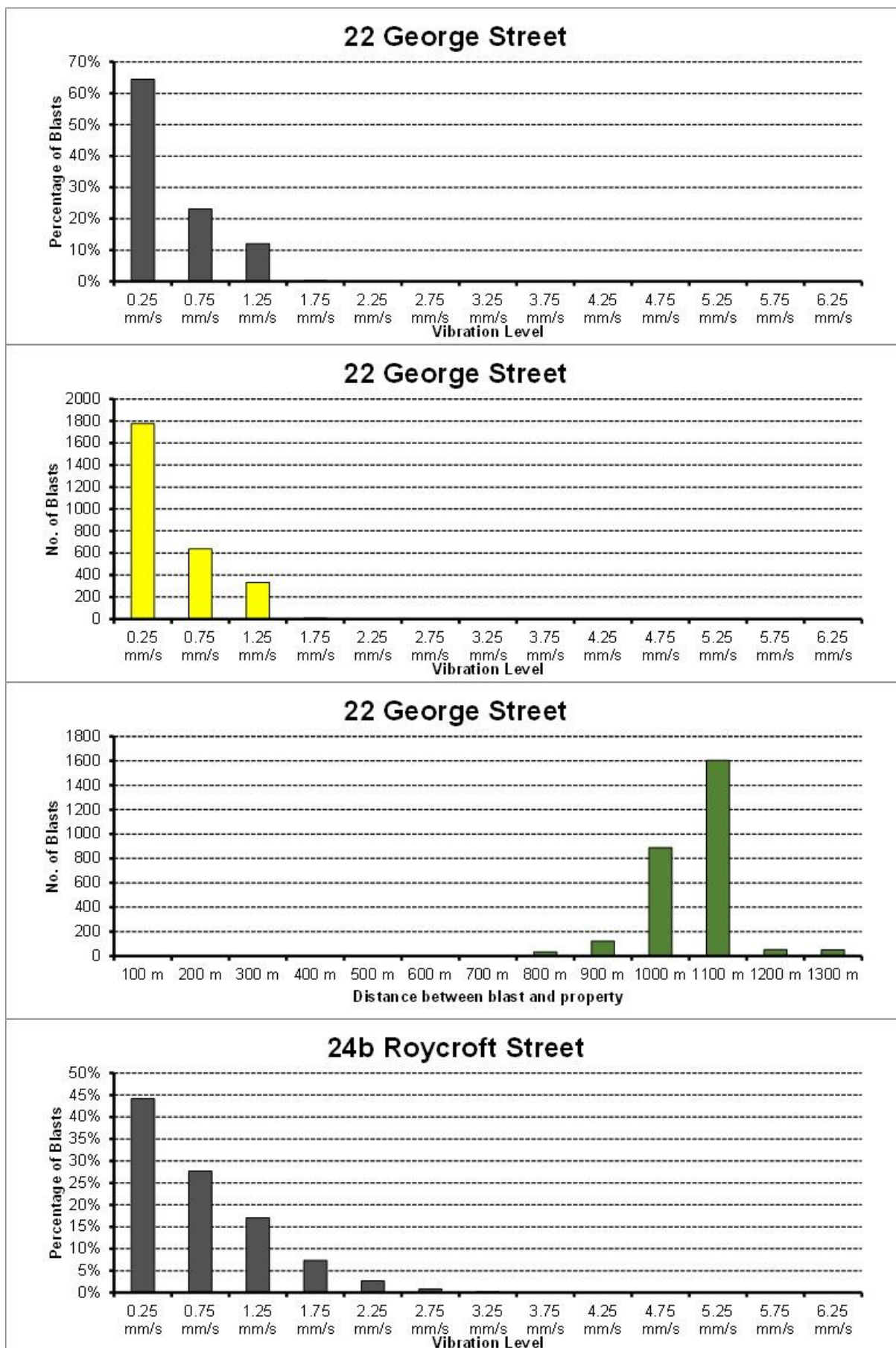
## 20 Barry Road

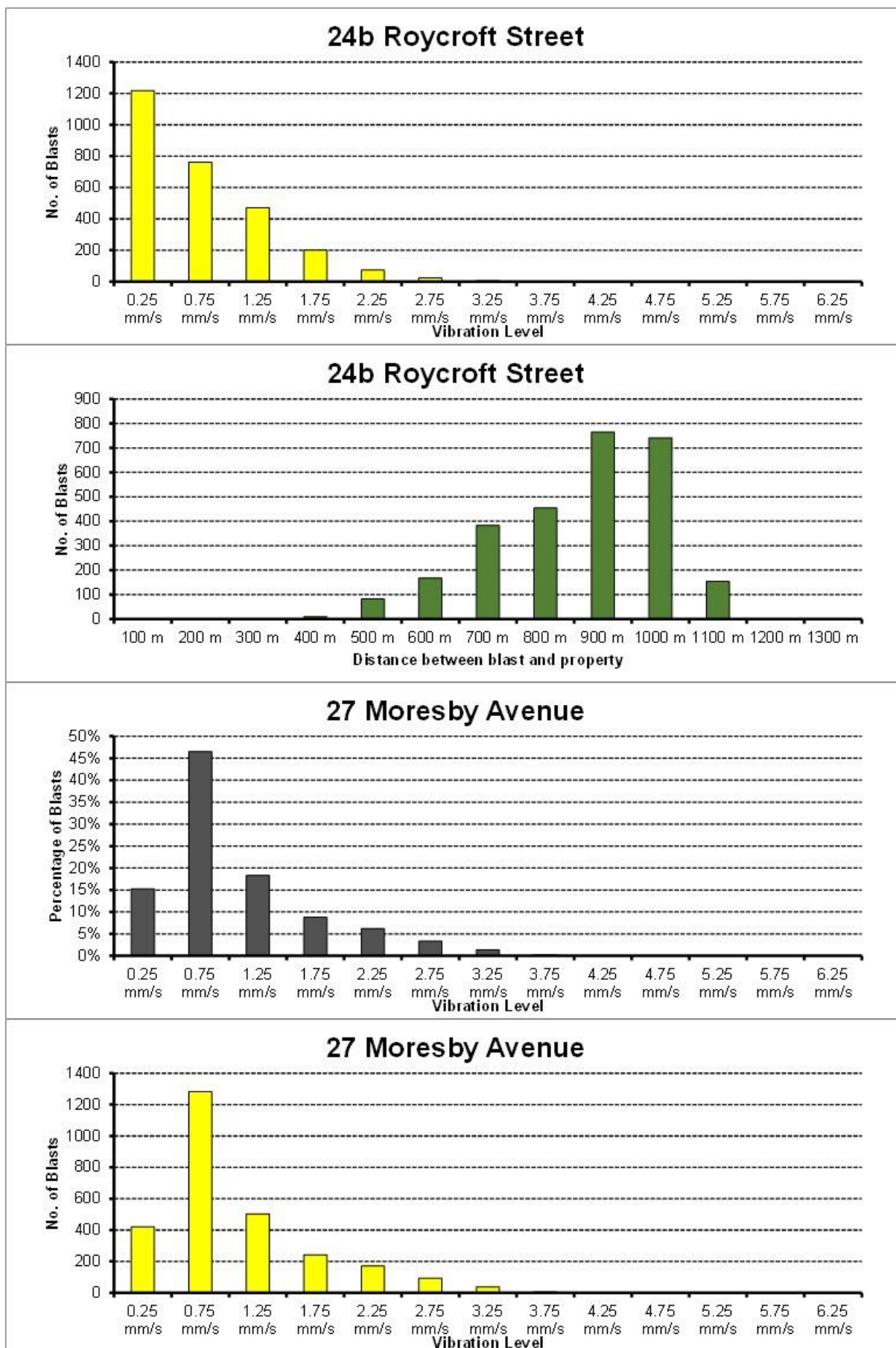


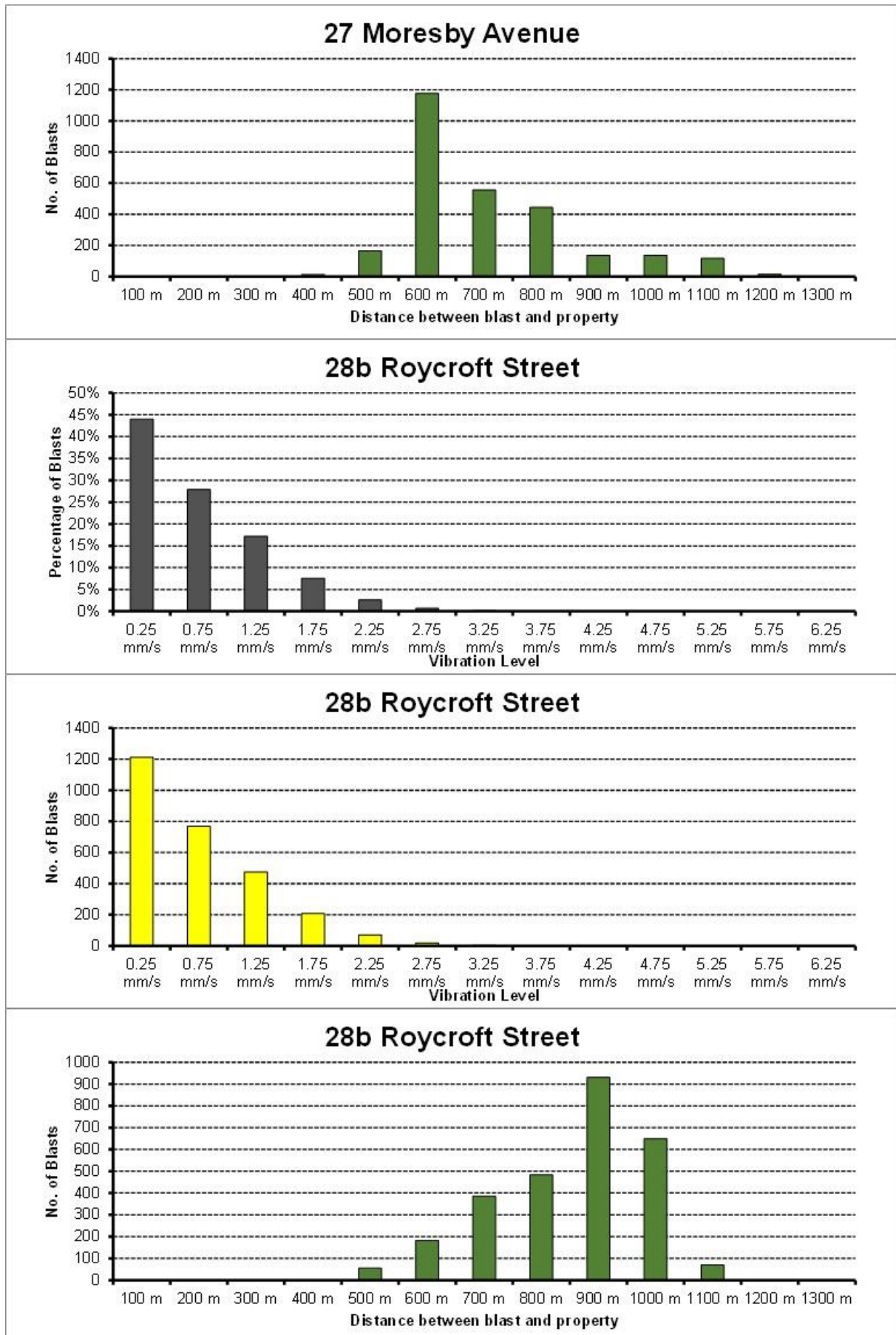




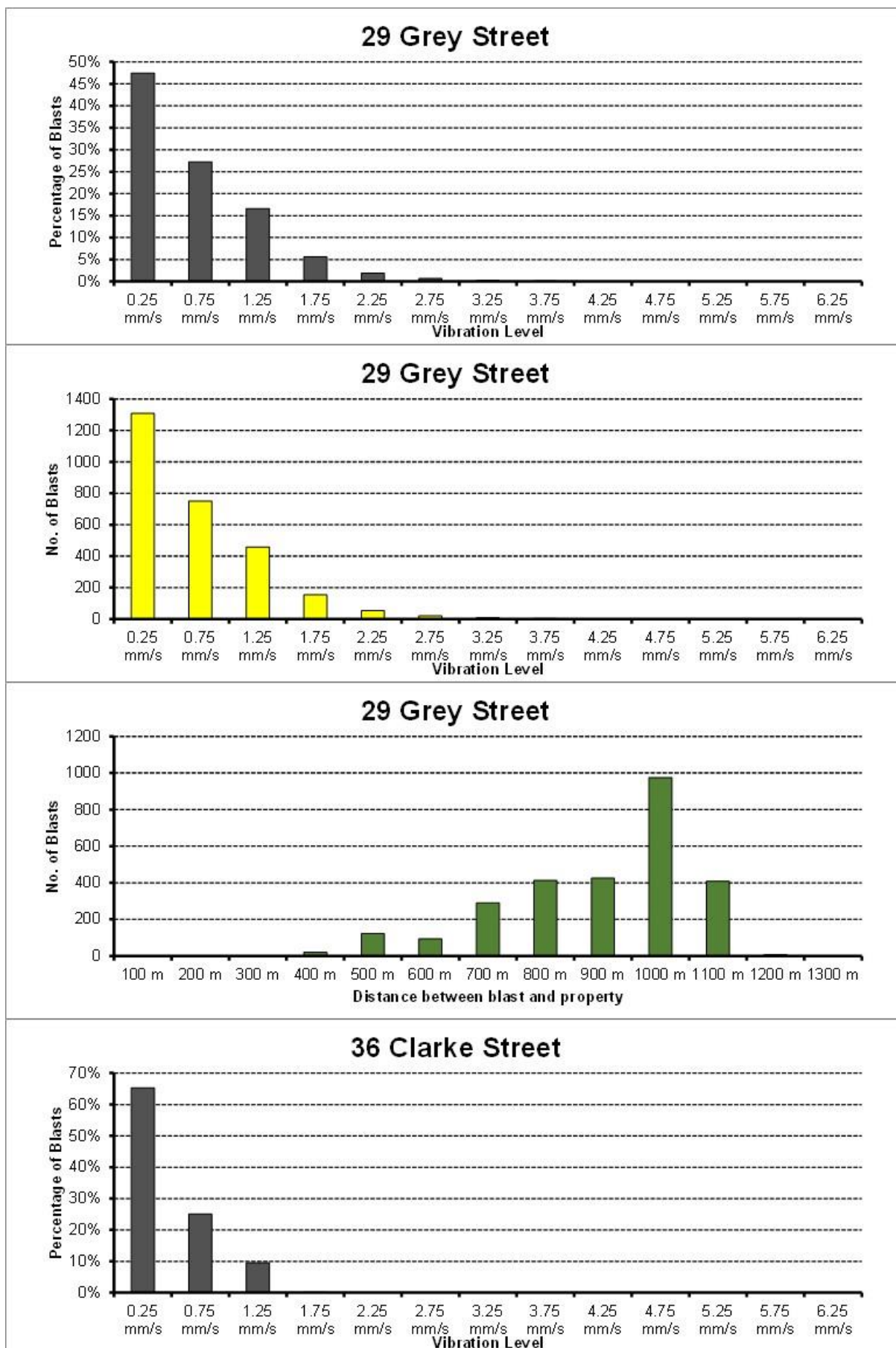




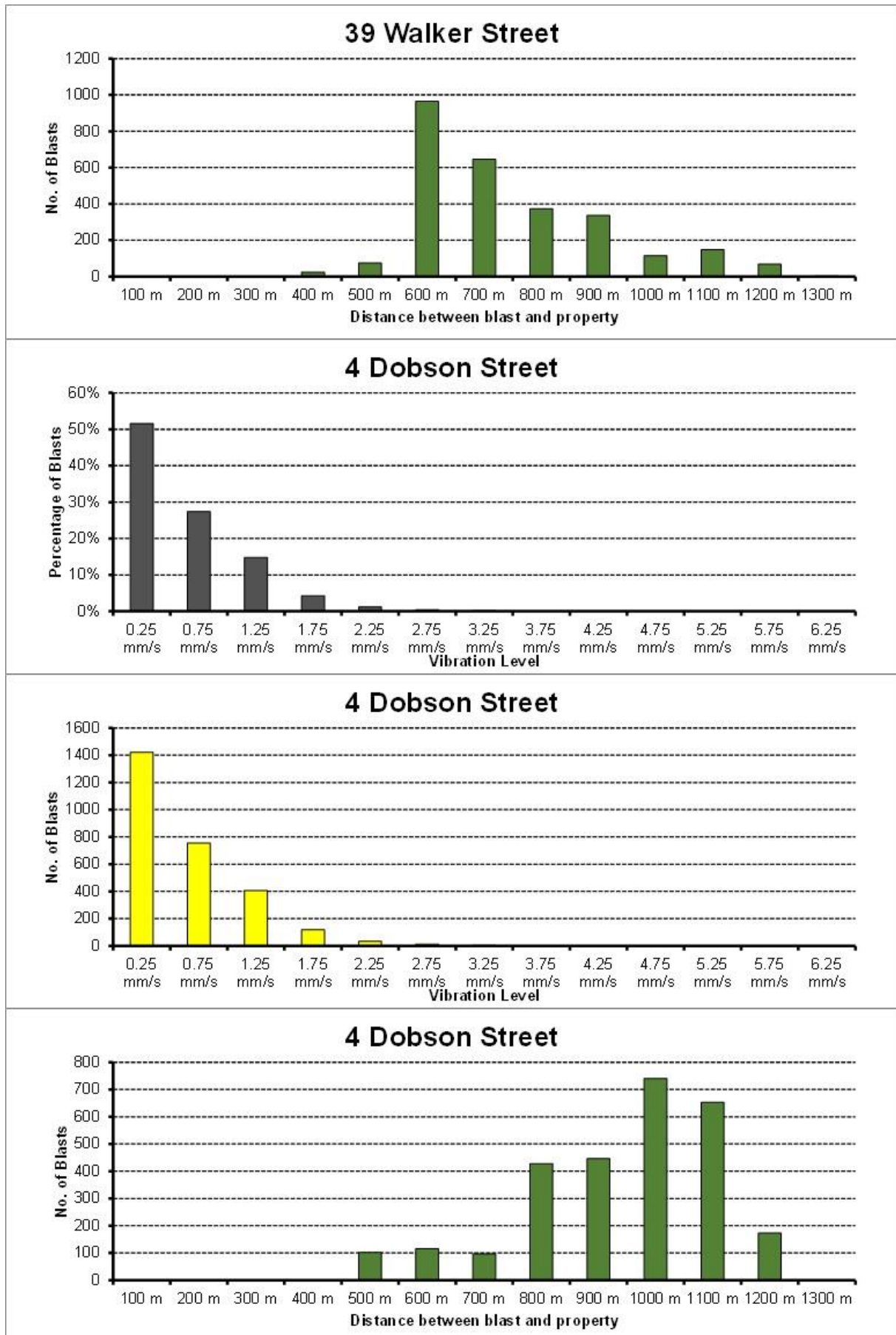




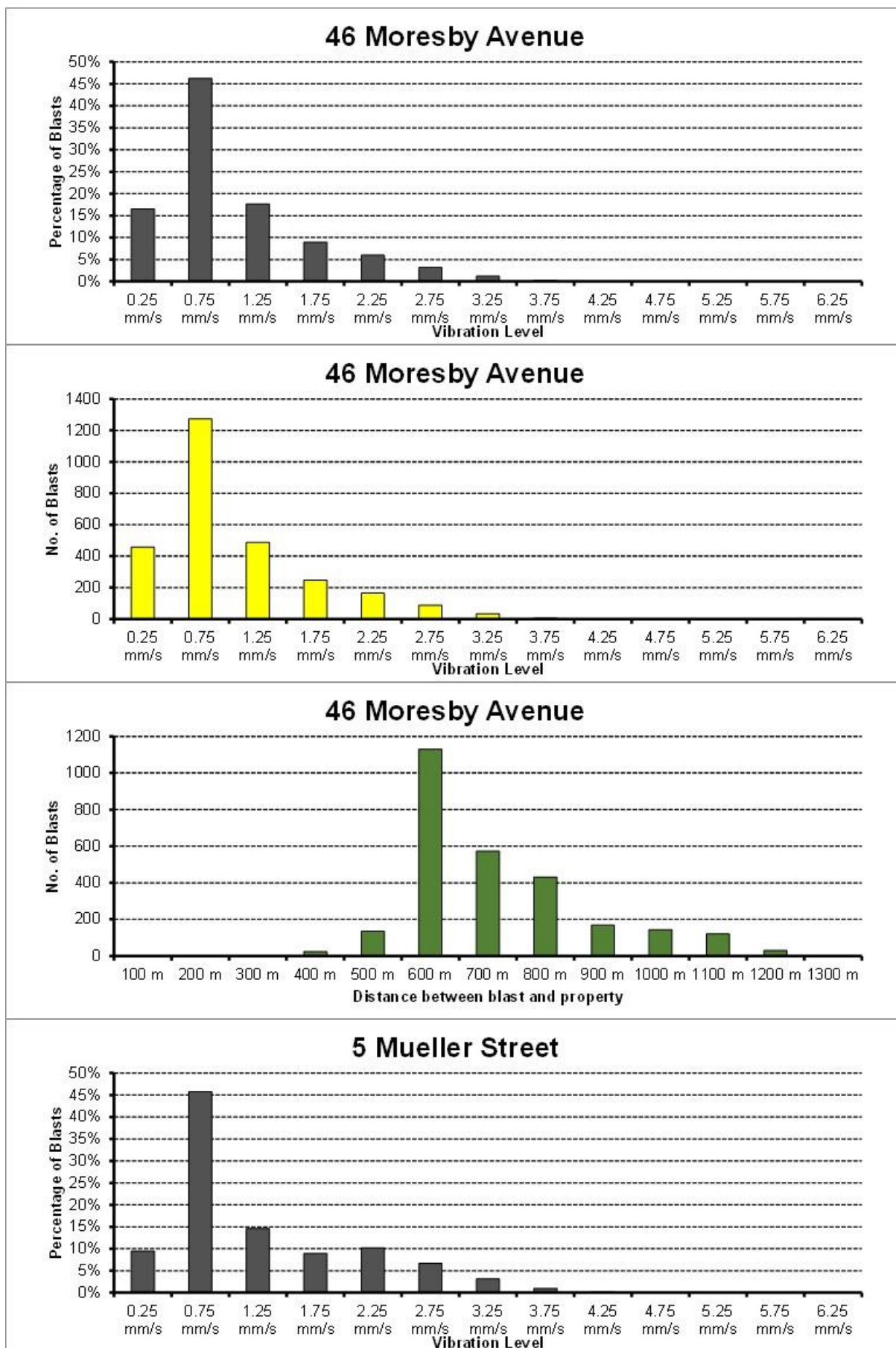


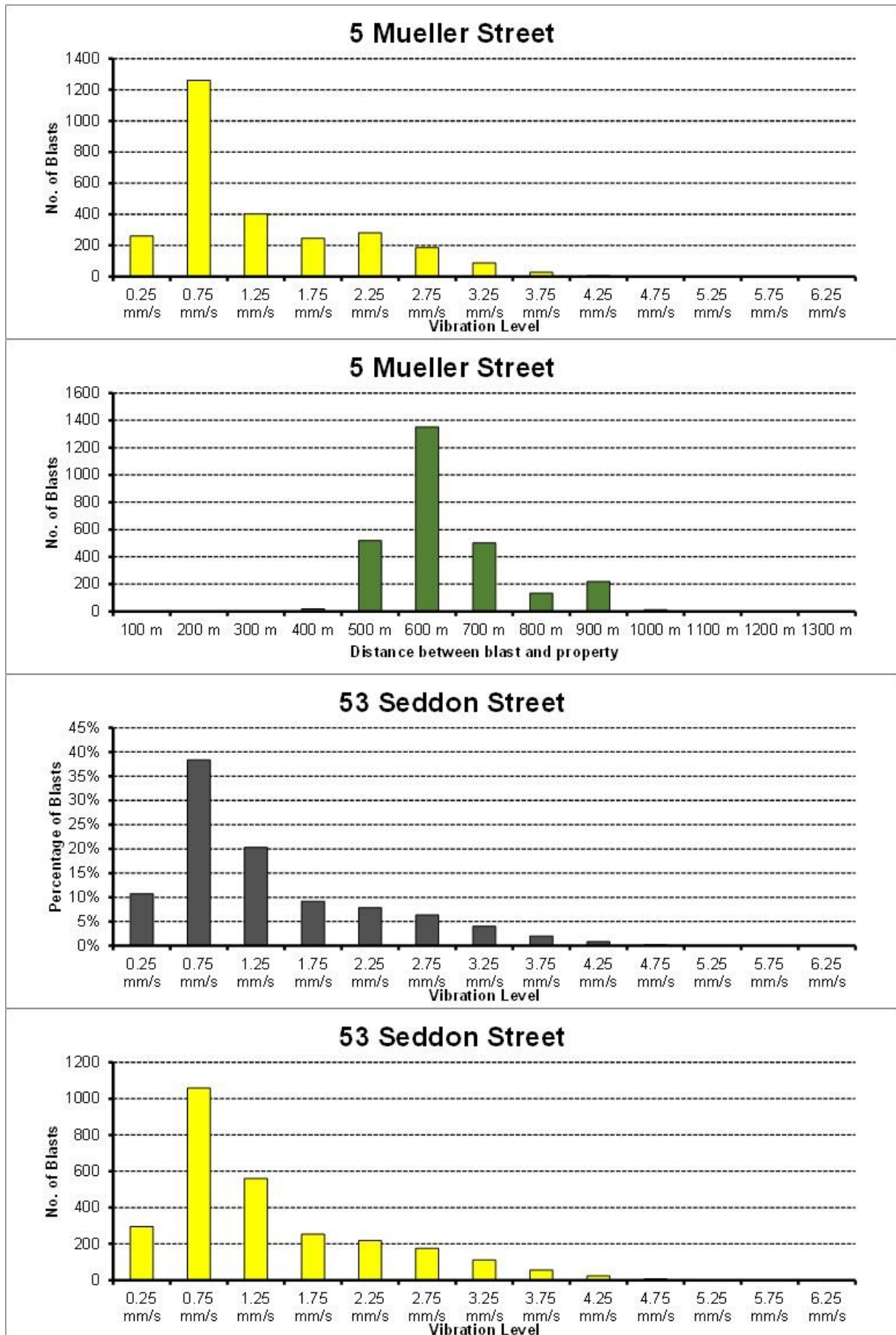








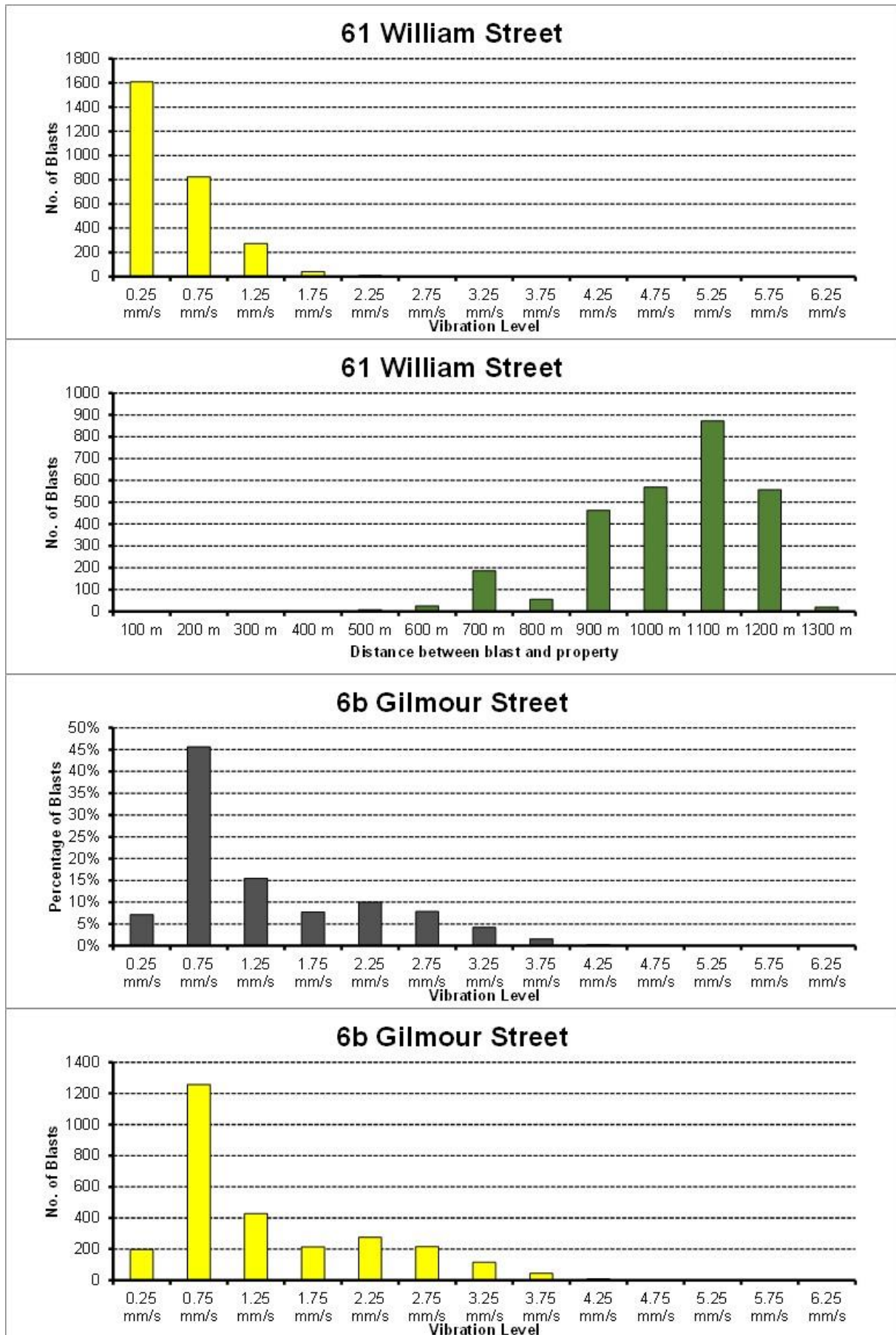


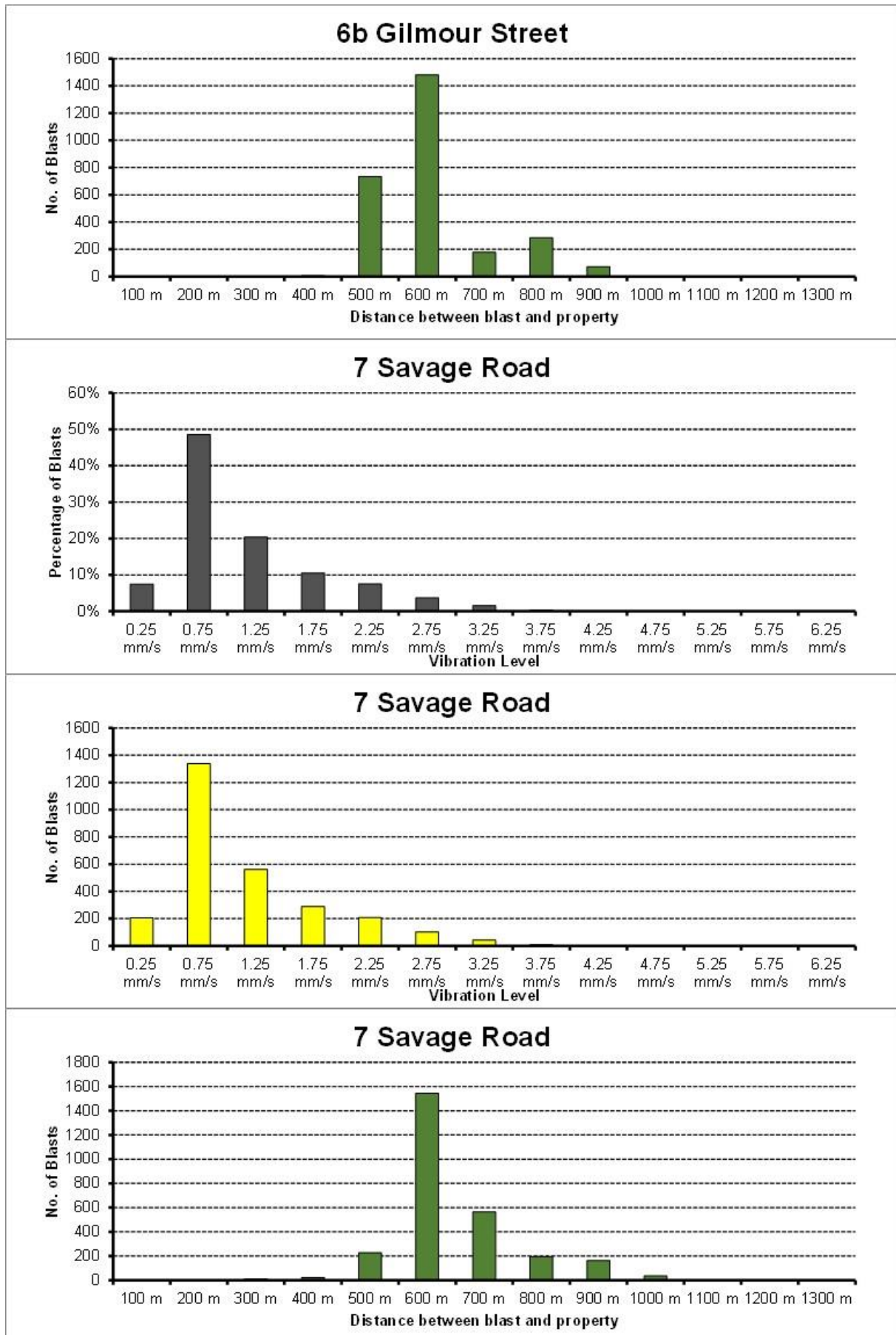




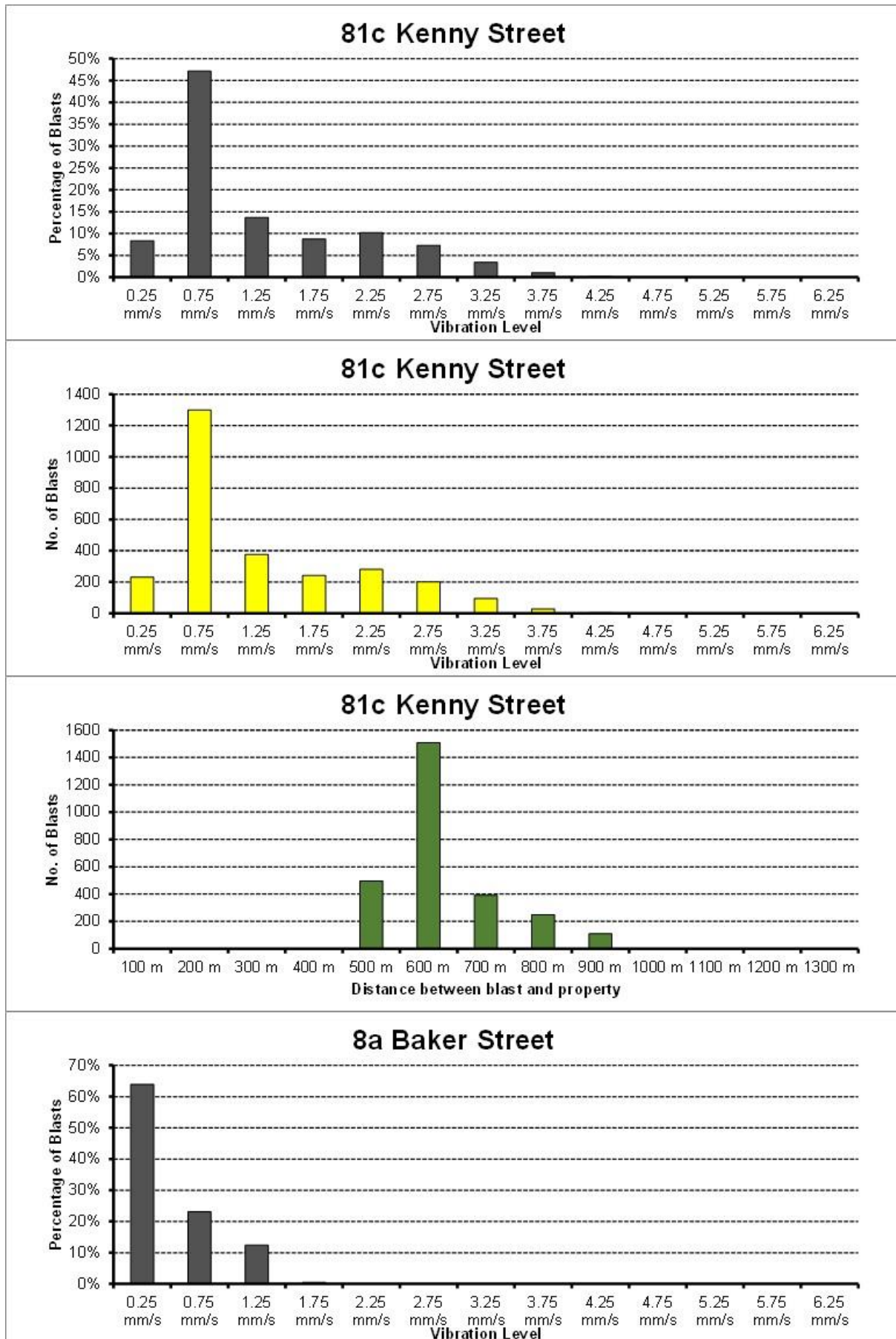


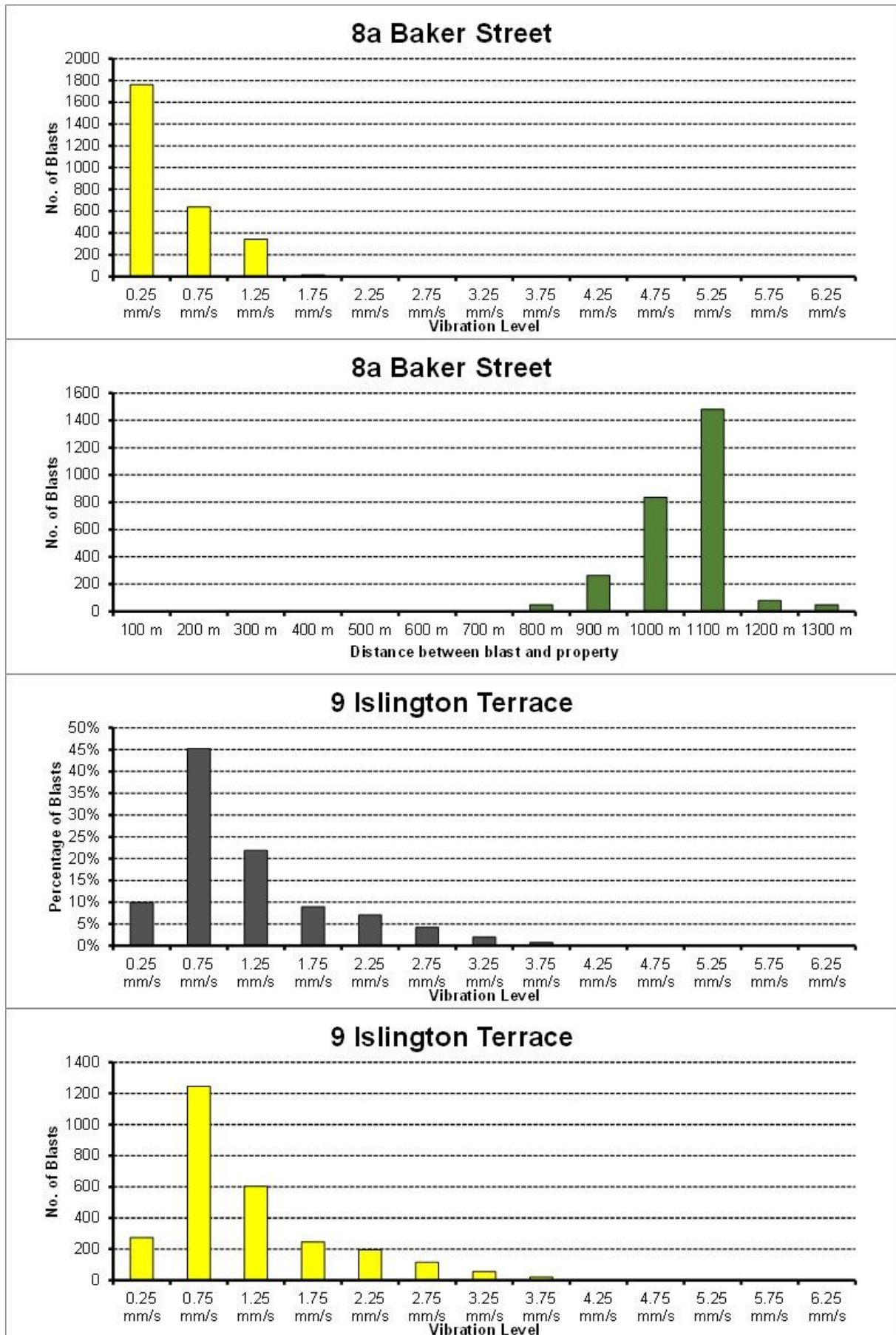


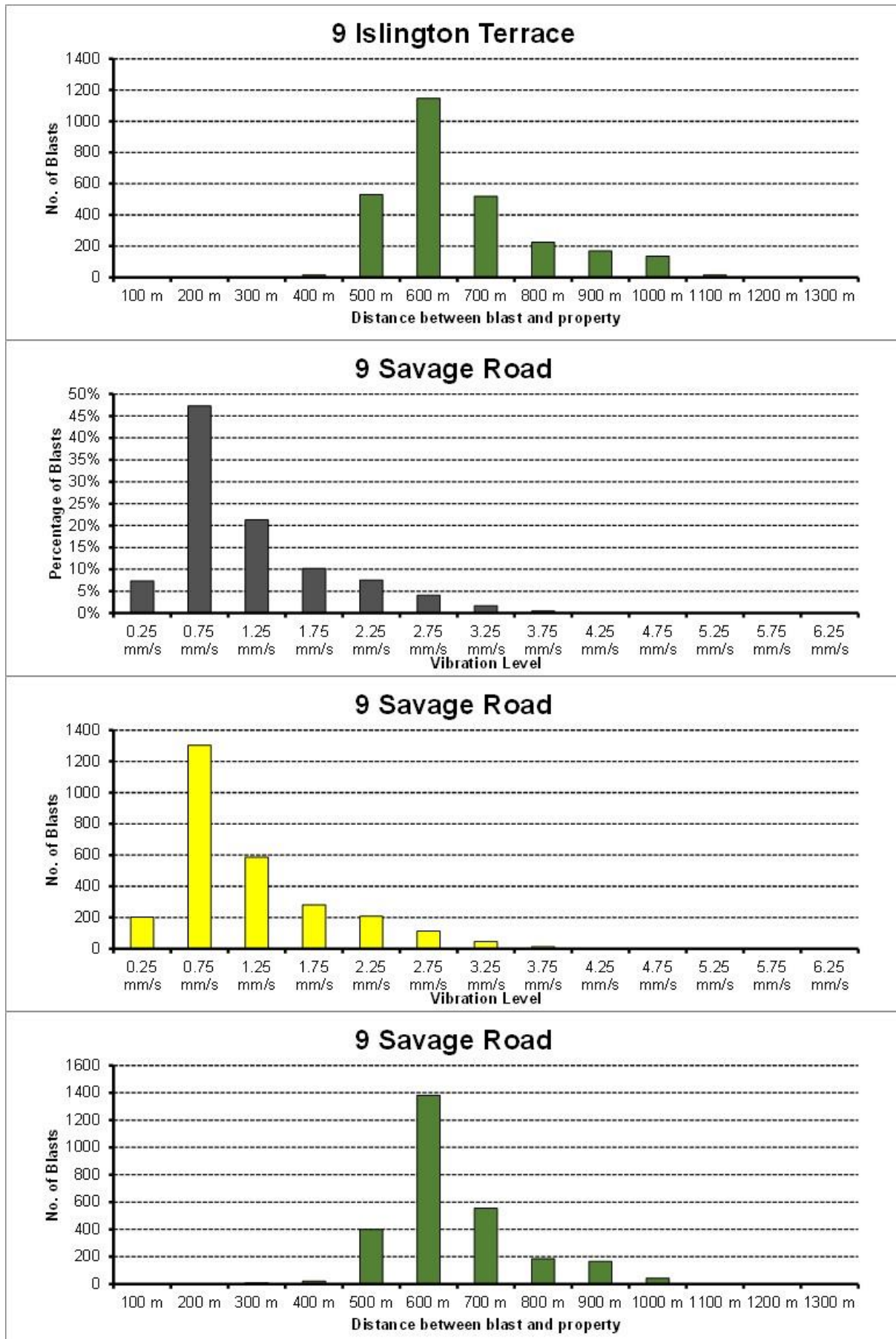




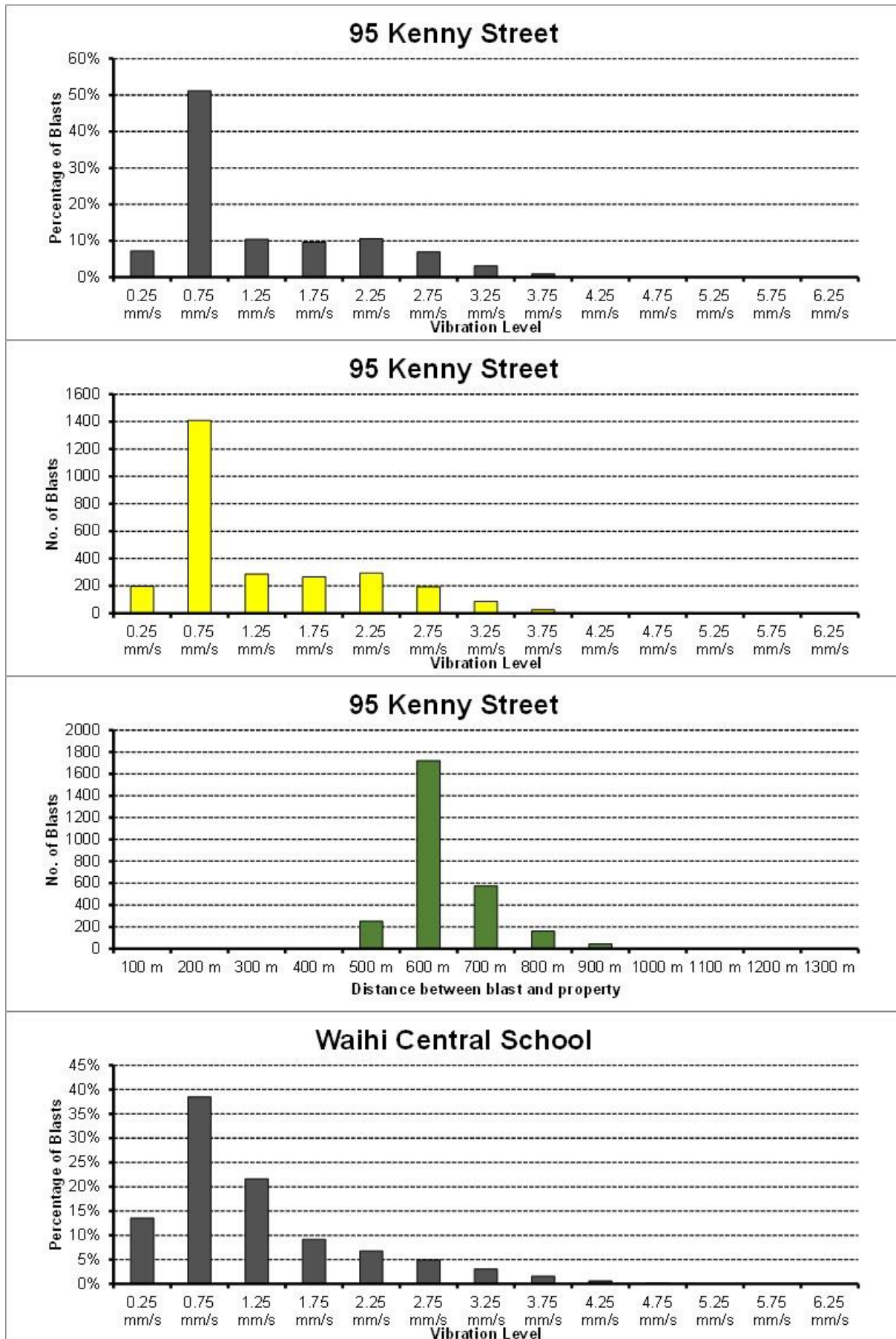


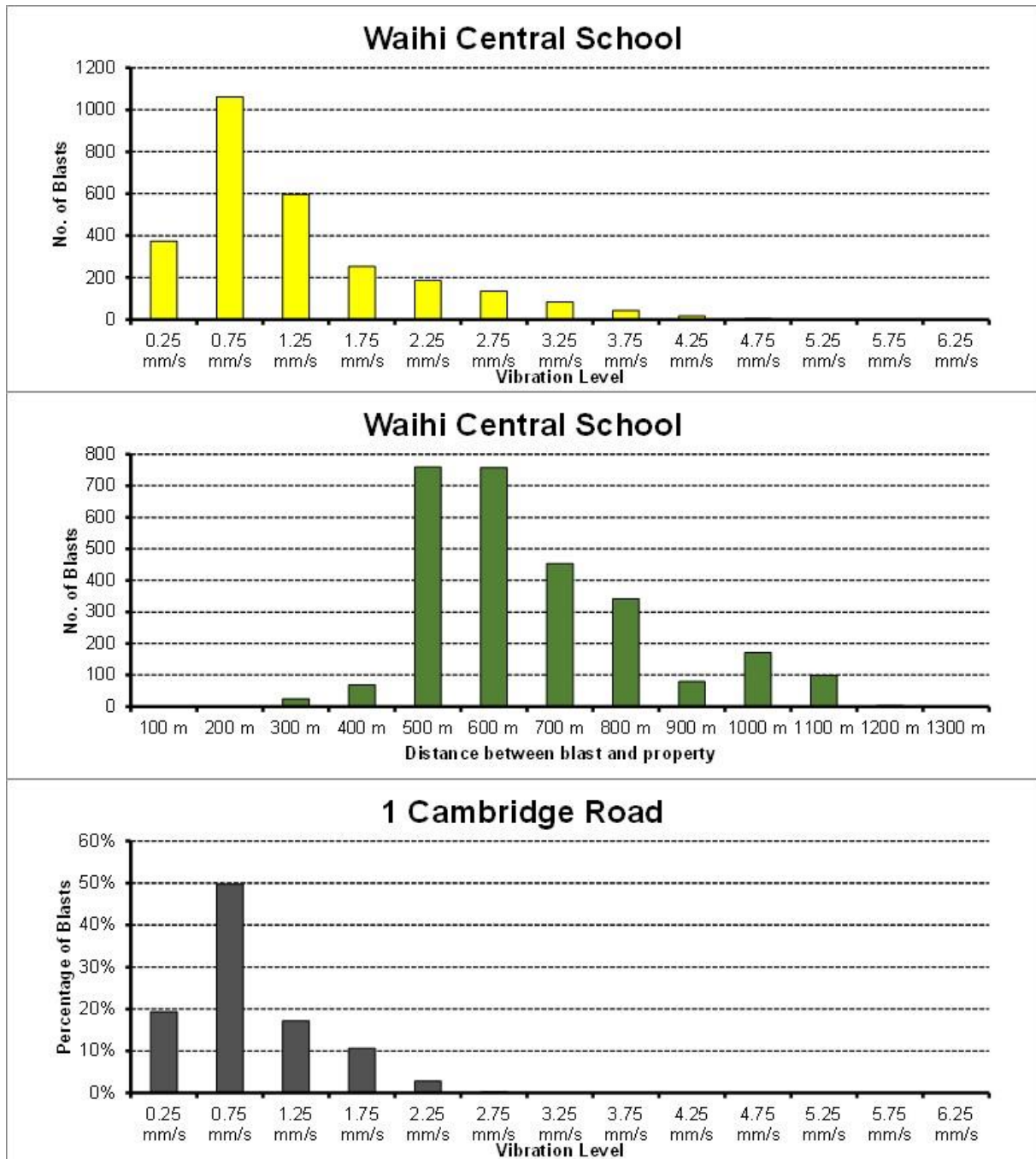


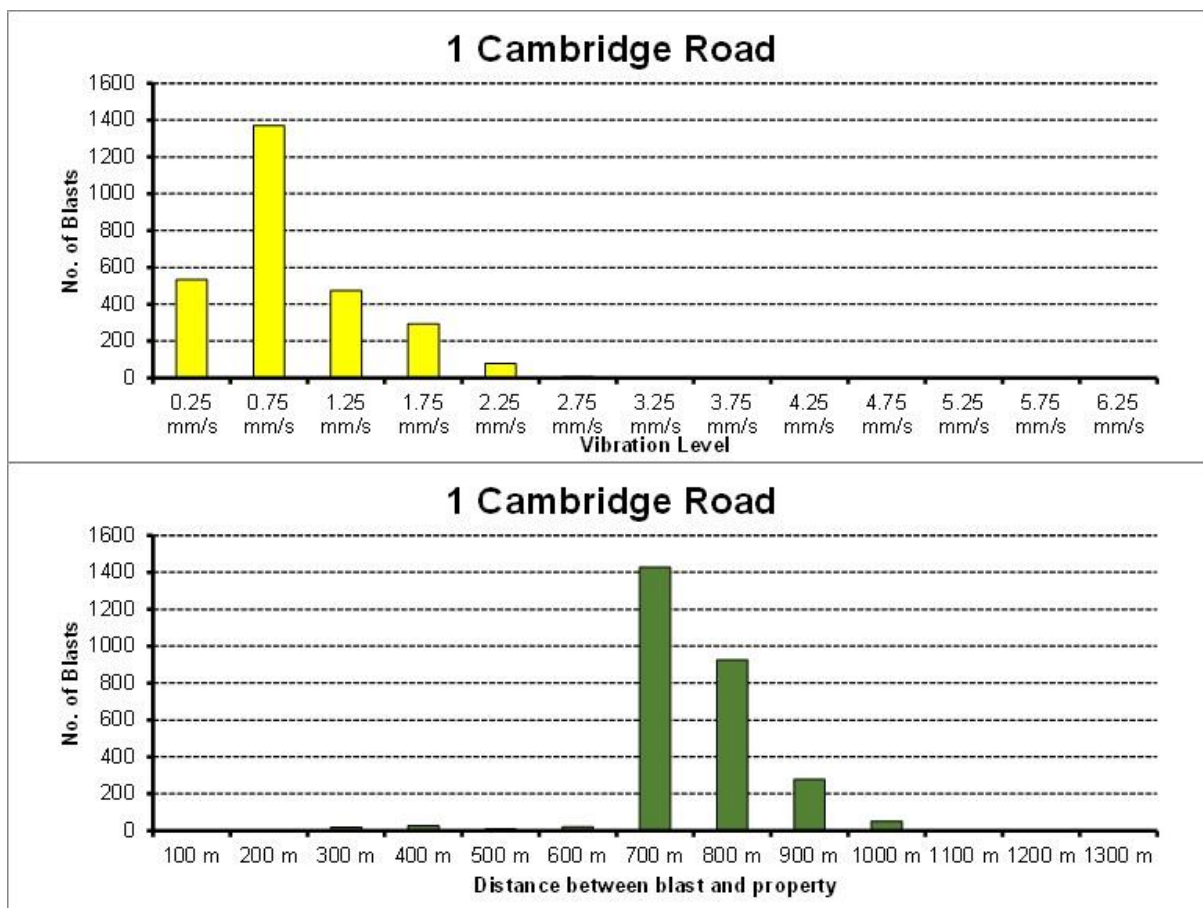






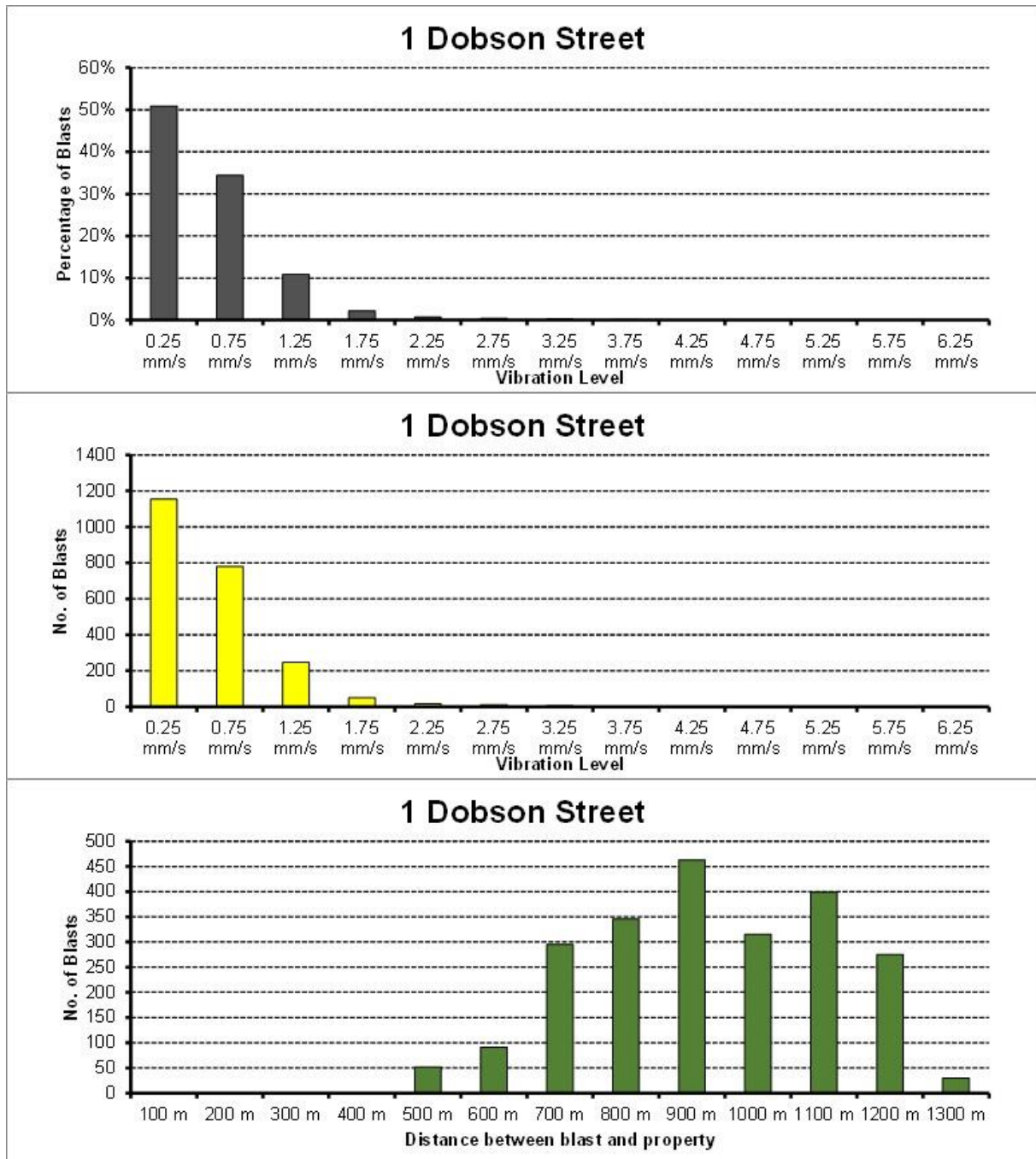


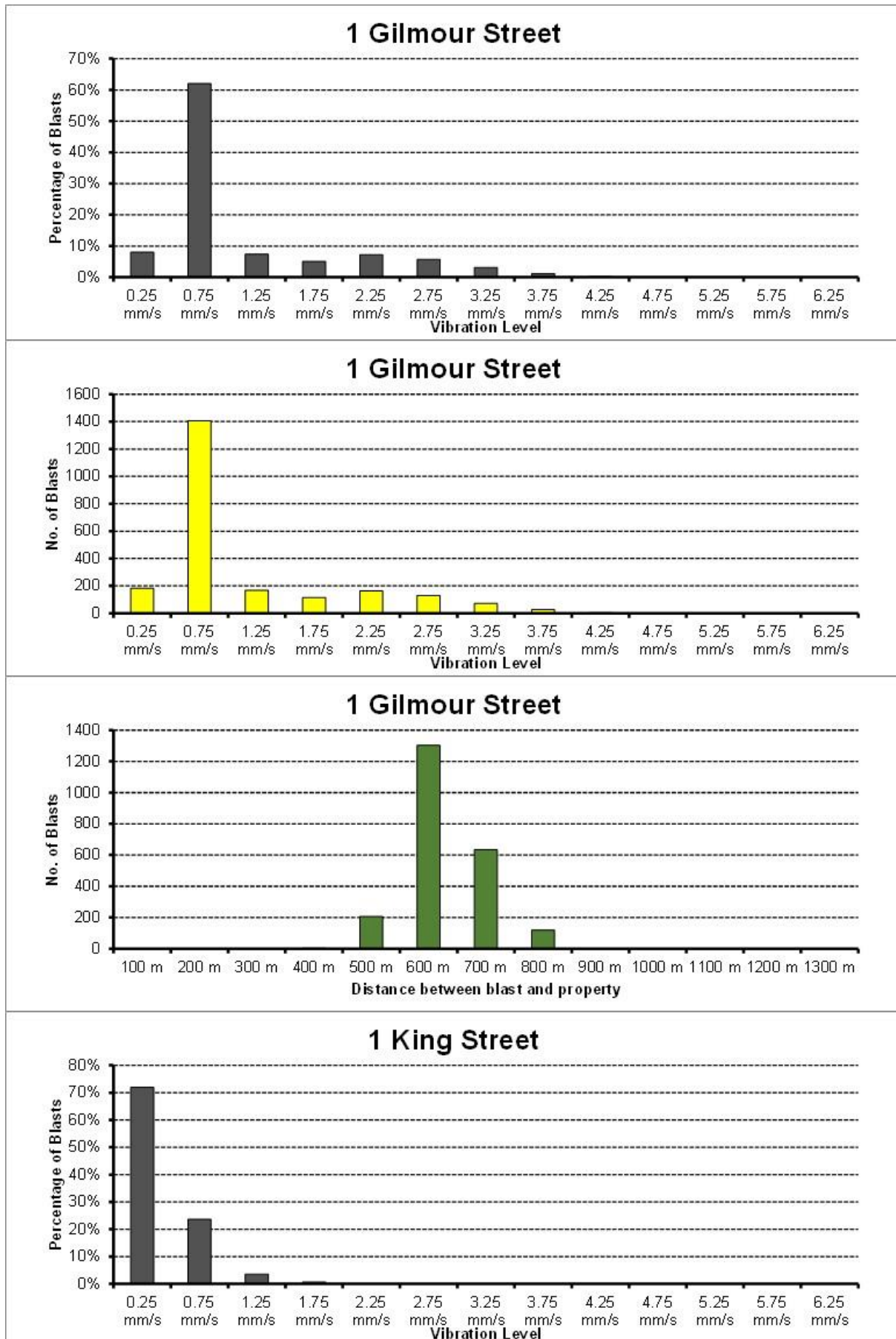


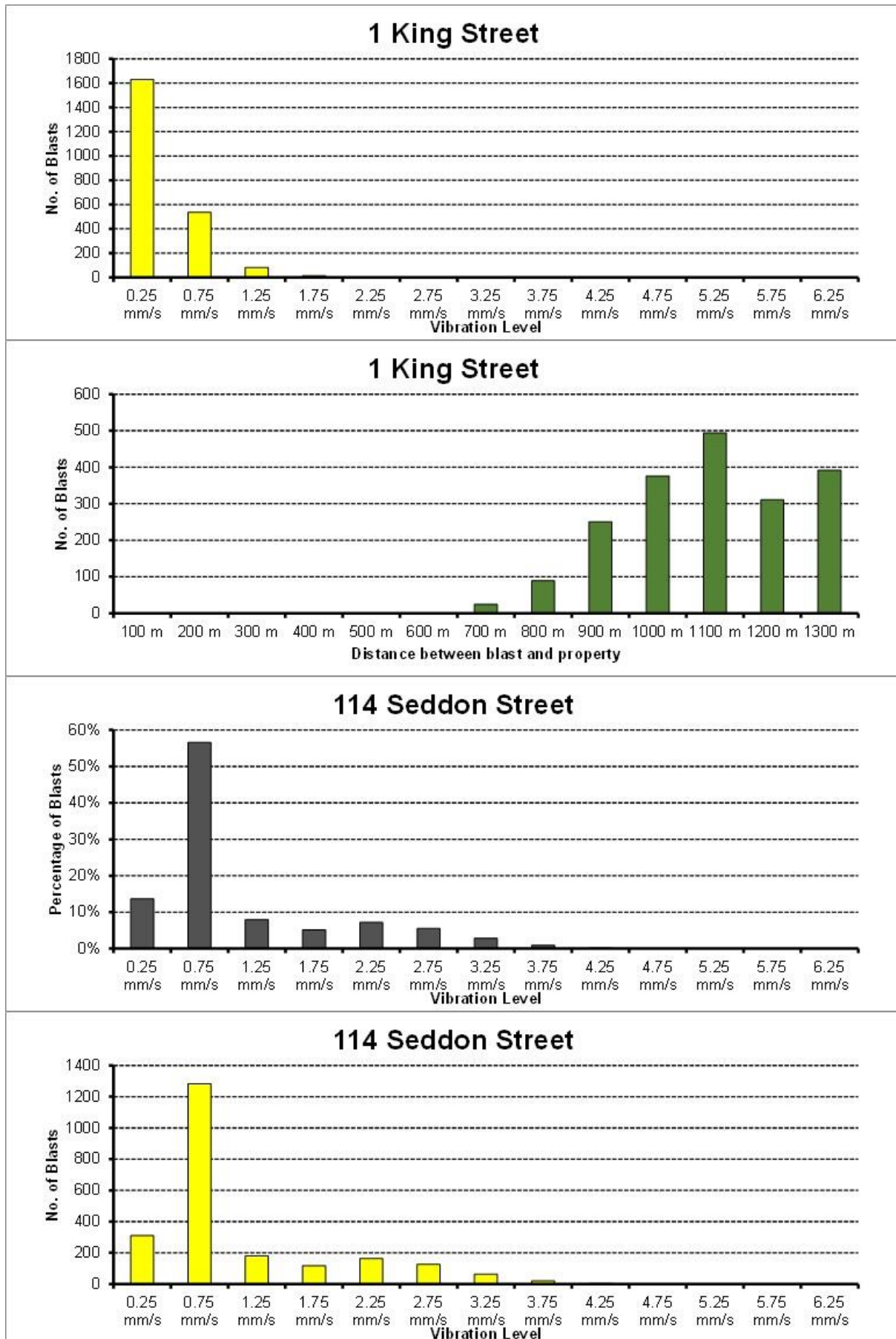




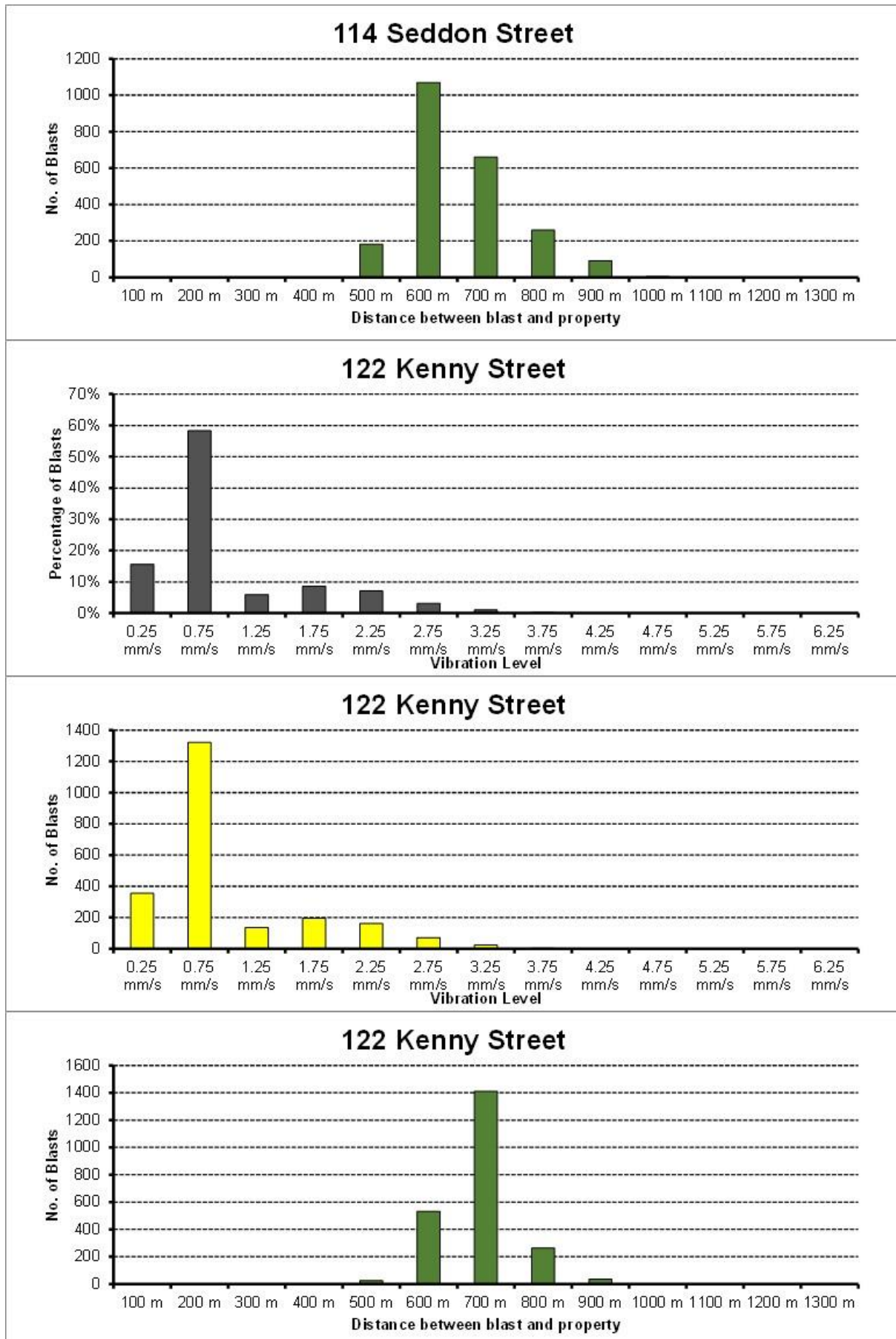
## 6. MARTHA PROJECT 2025

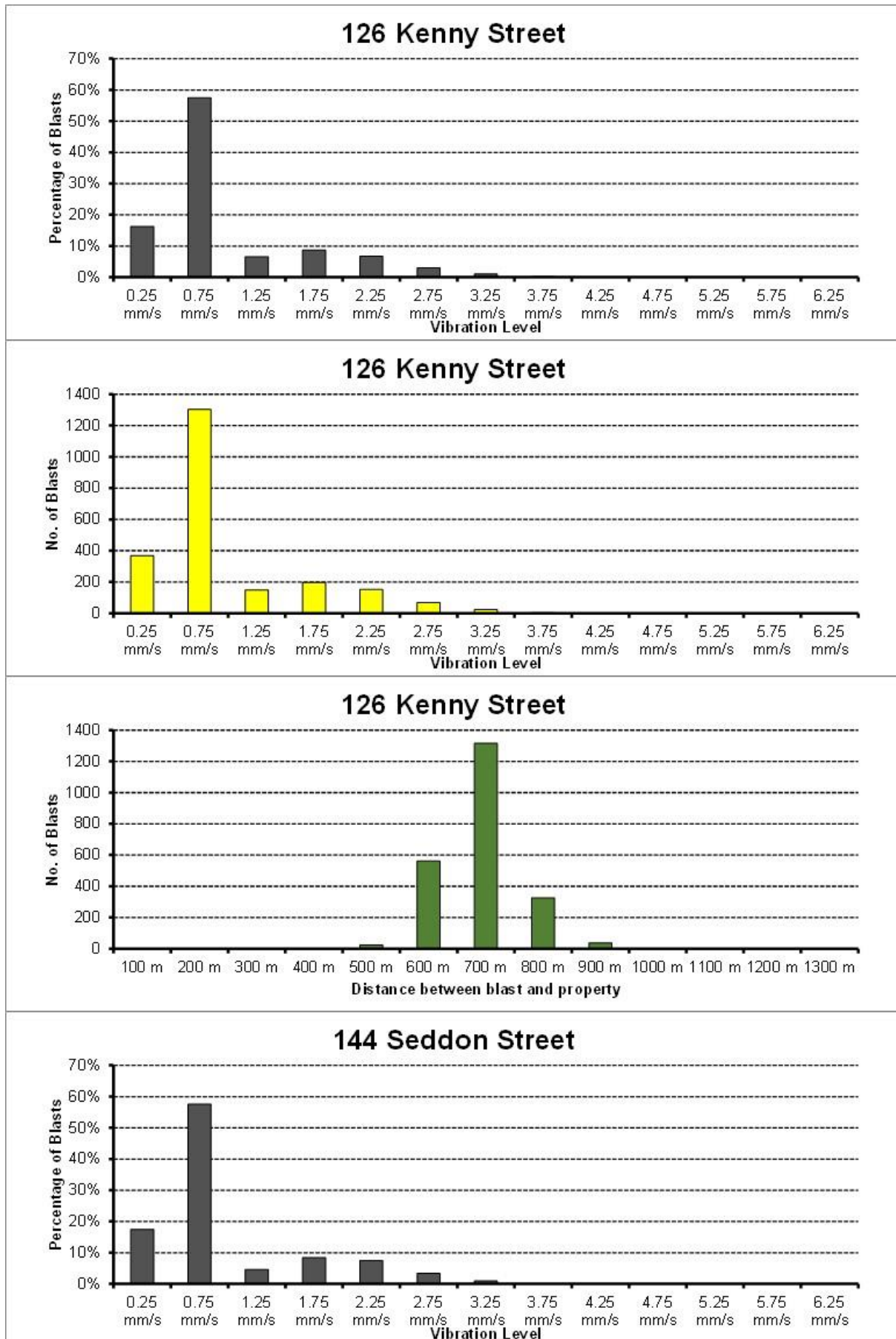


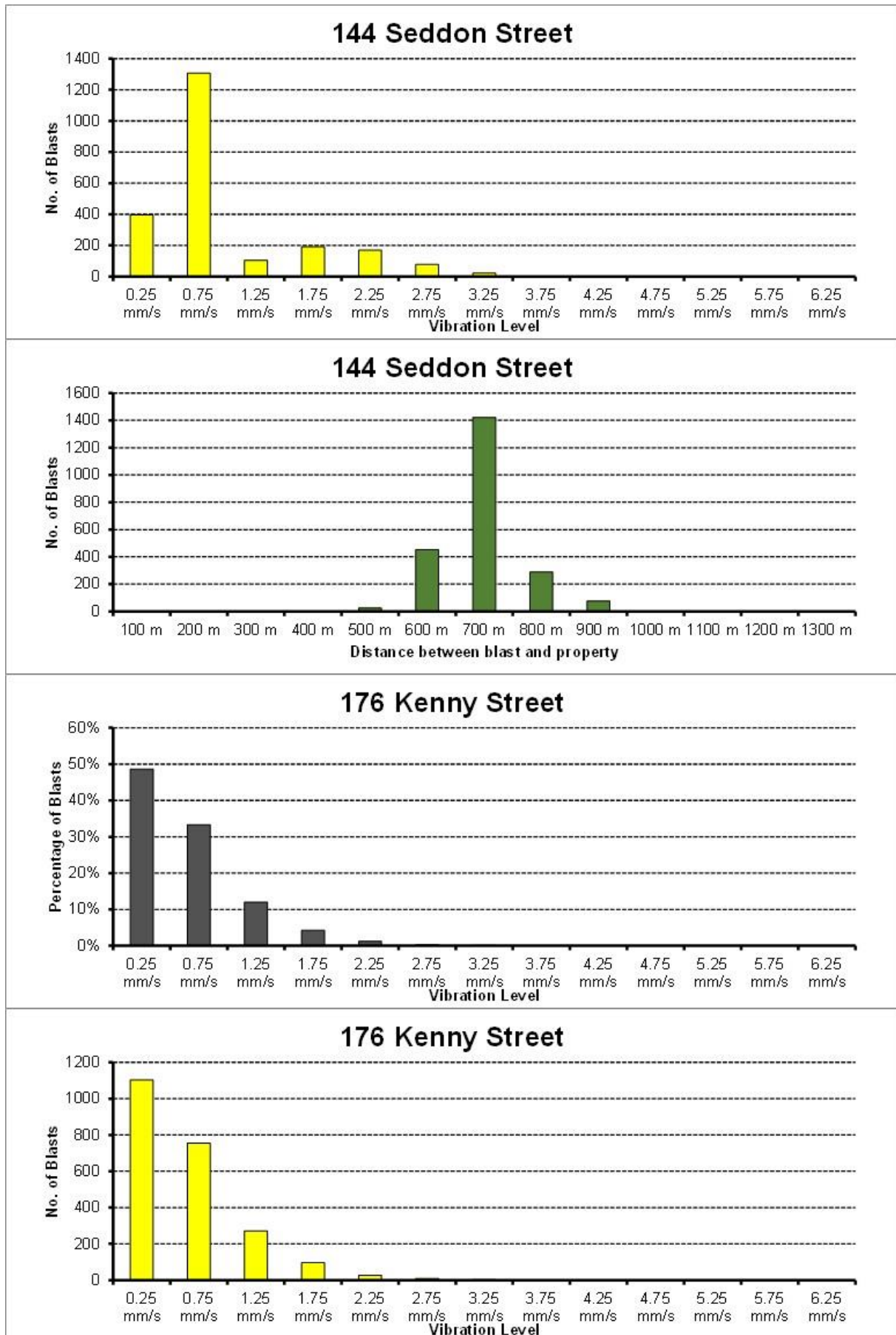




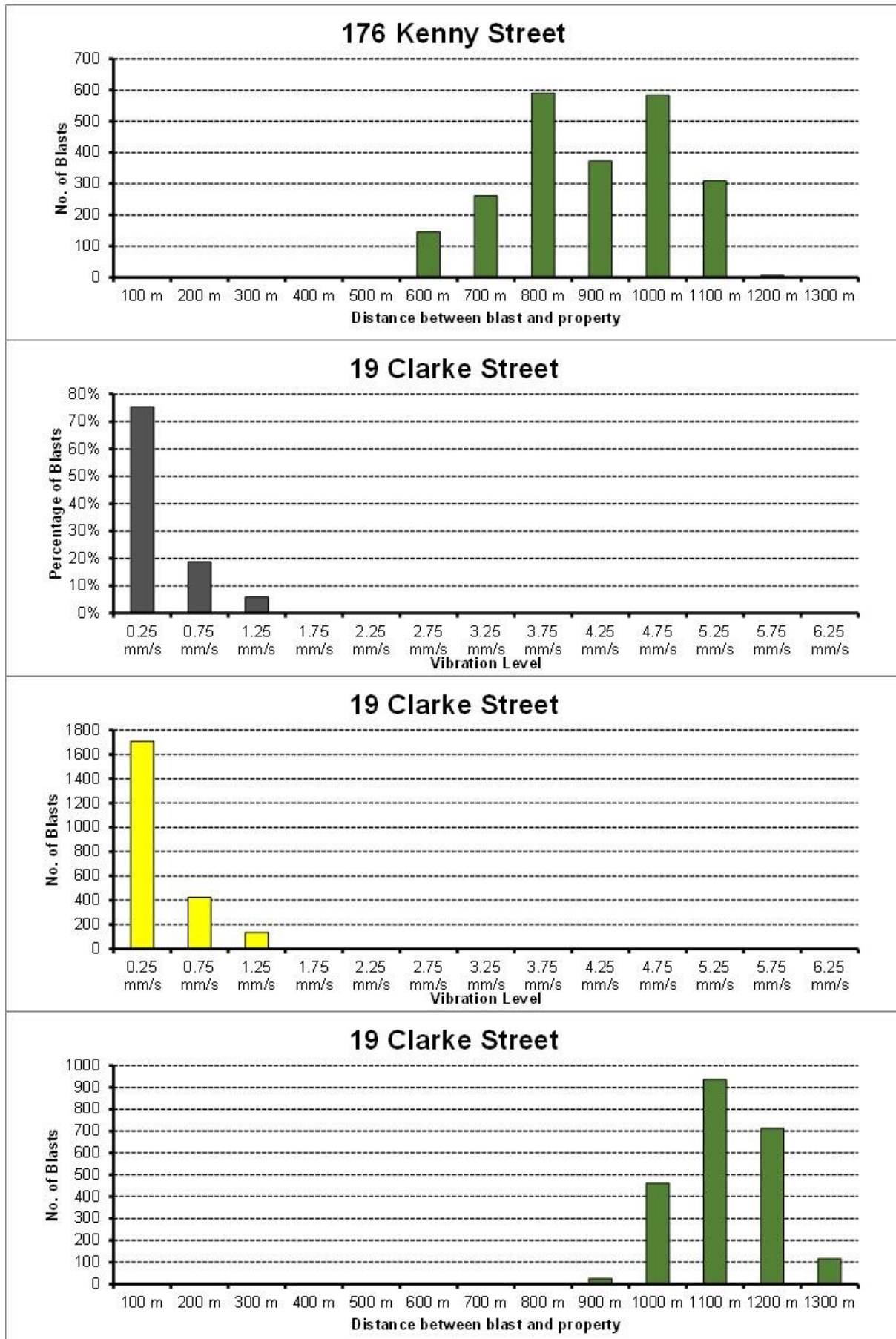


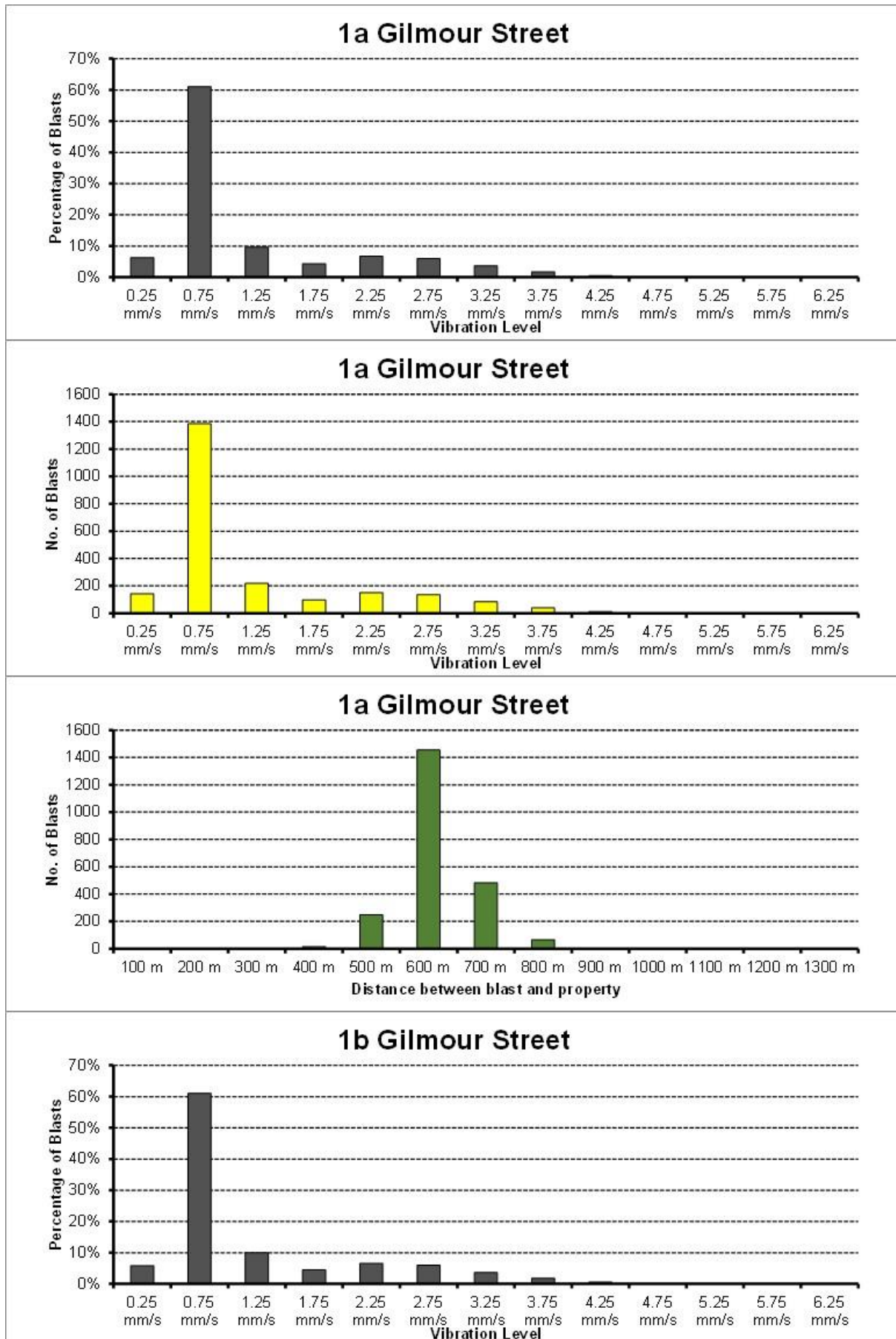




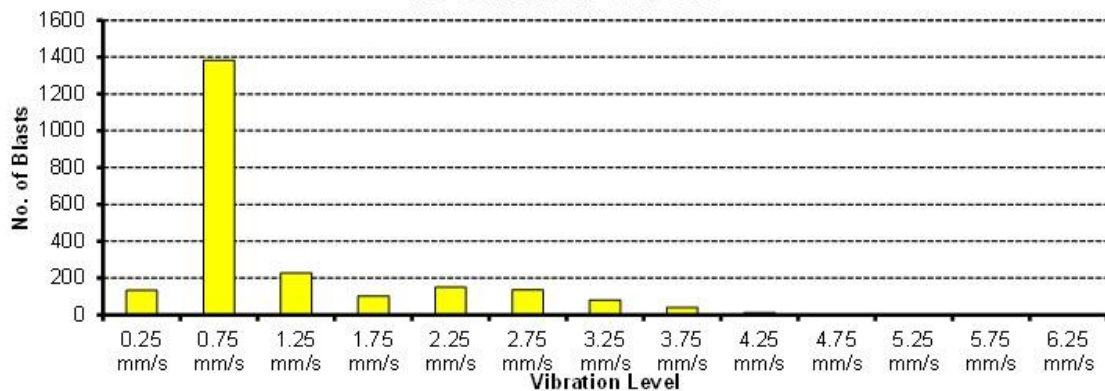




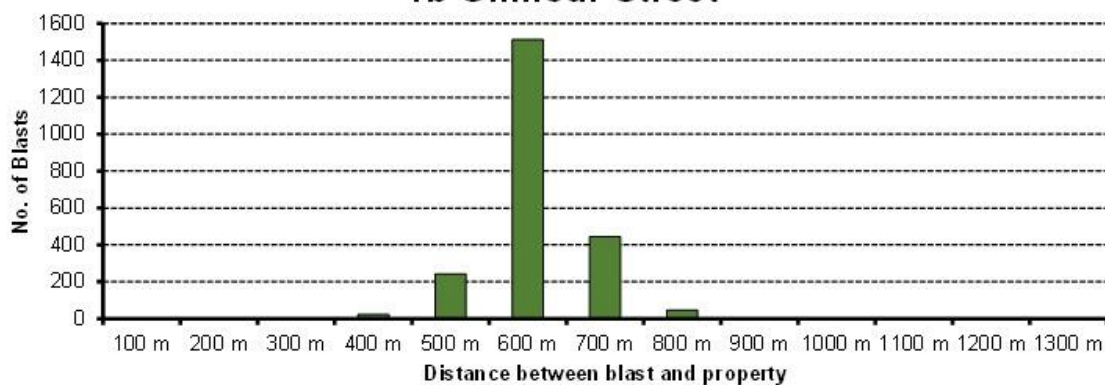




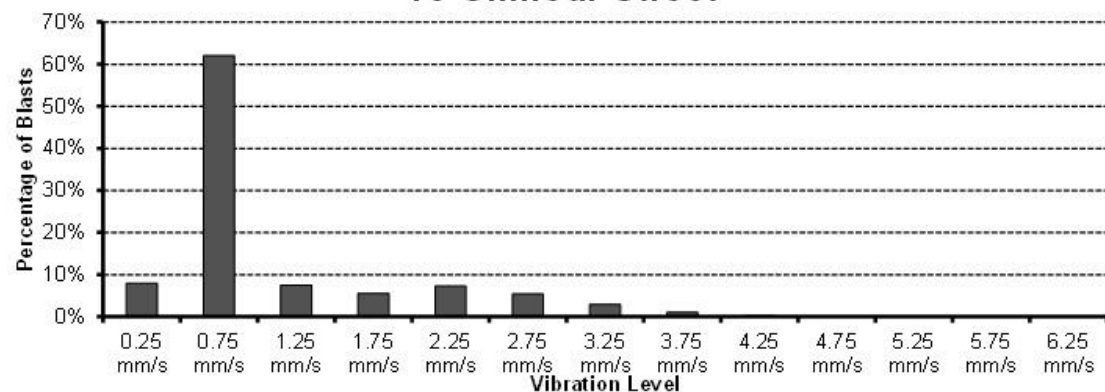
### 1b Gilmour Street



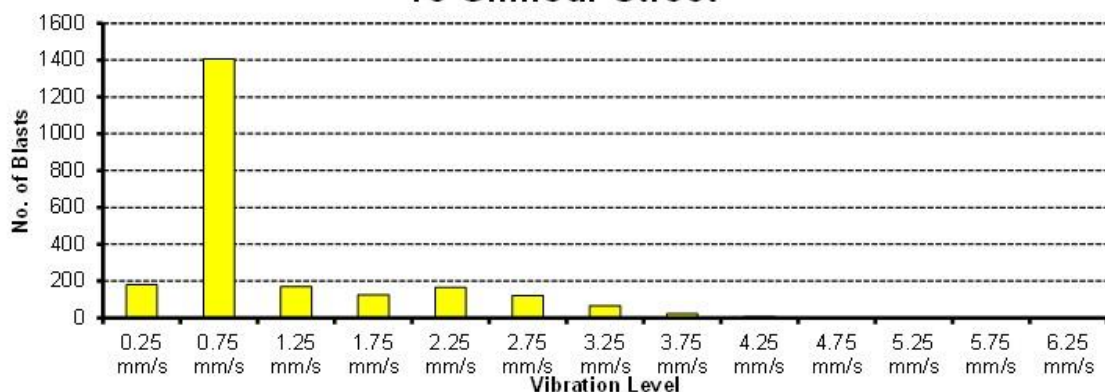
### 1b Gilmour Street



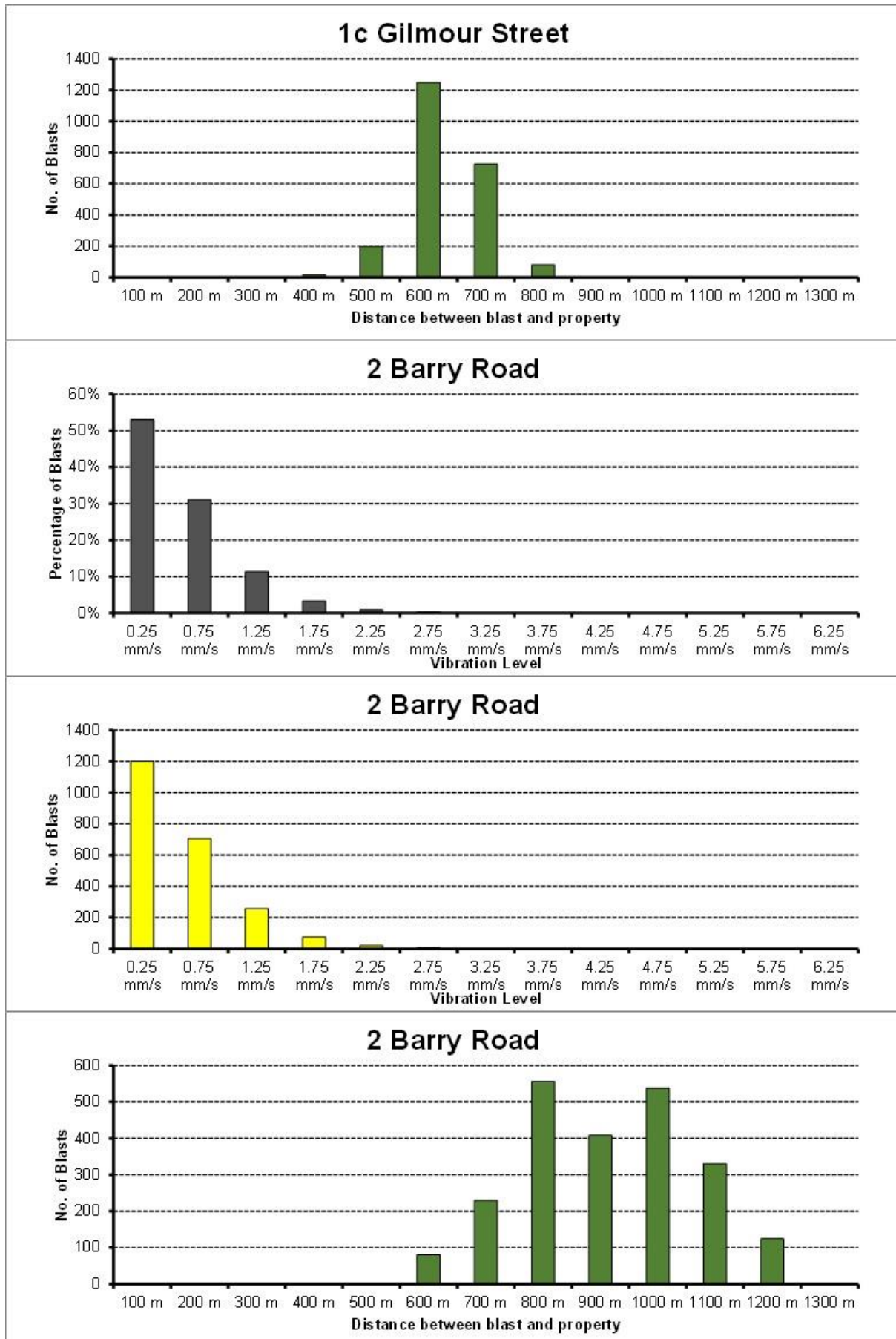
### 1c Gilmour Street



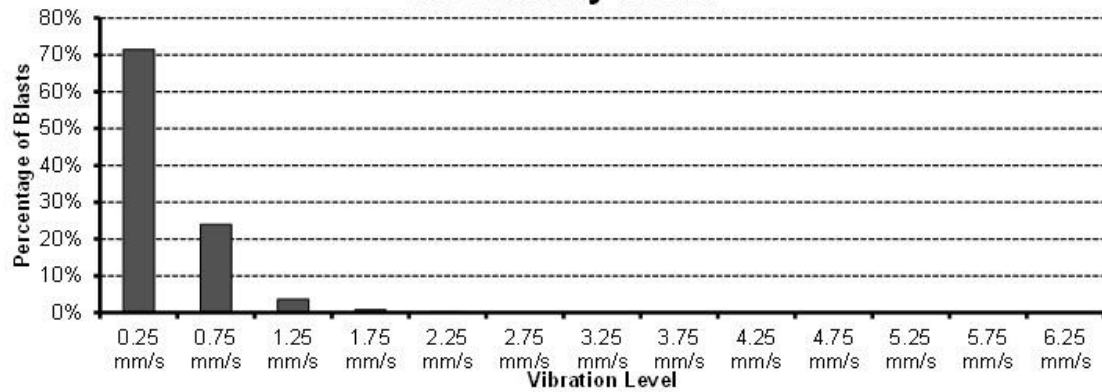
### 1c Gilmour Street



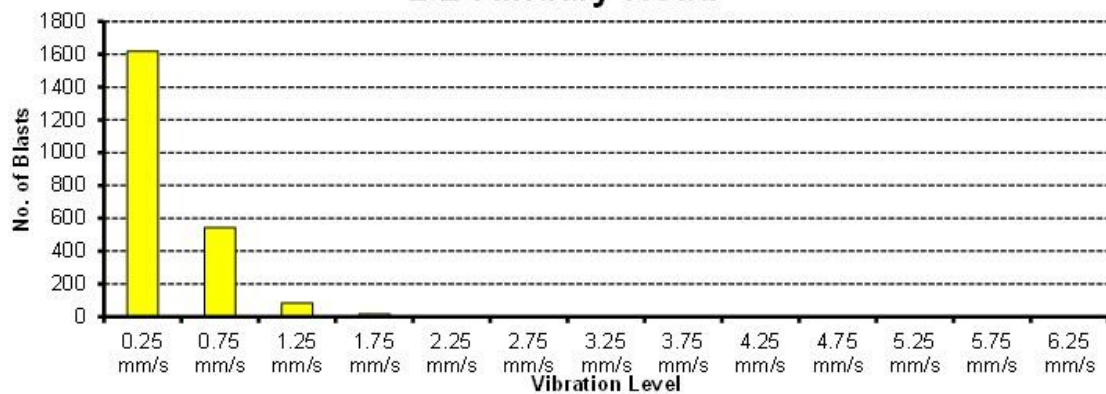




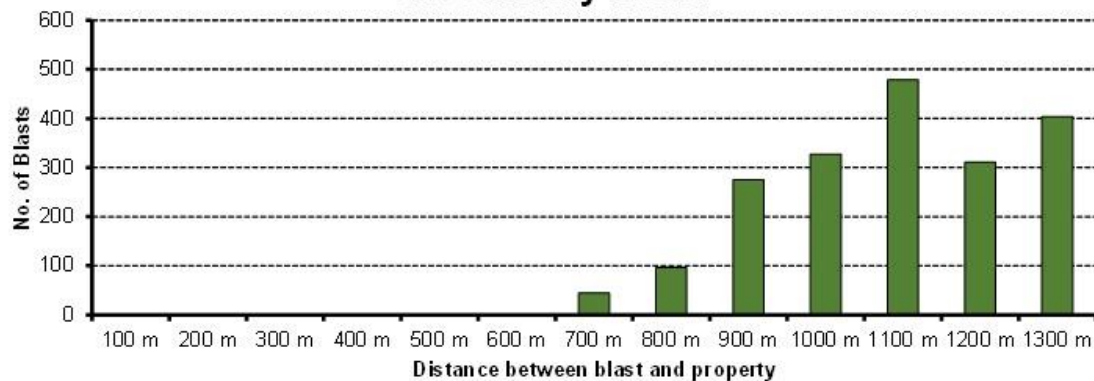
### 2 Boundary Road



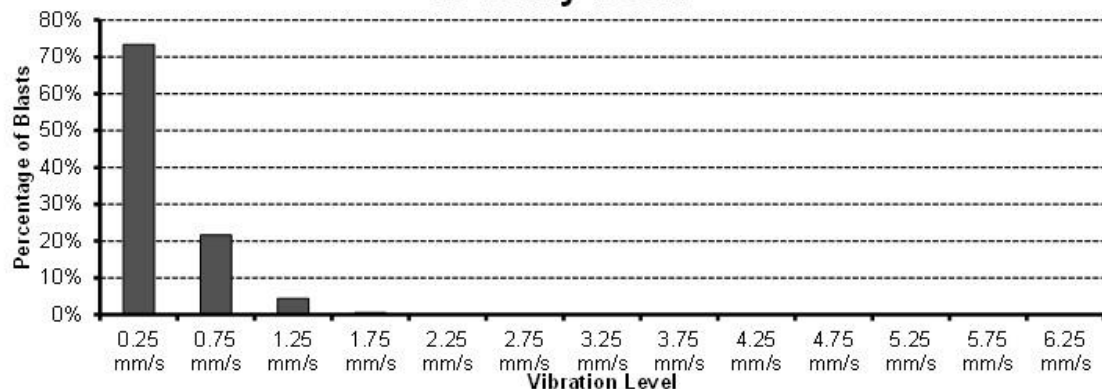
### 2 Boundary Road

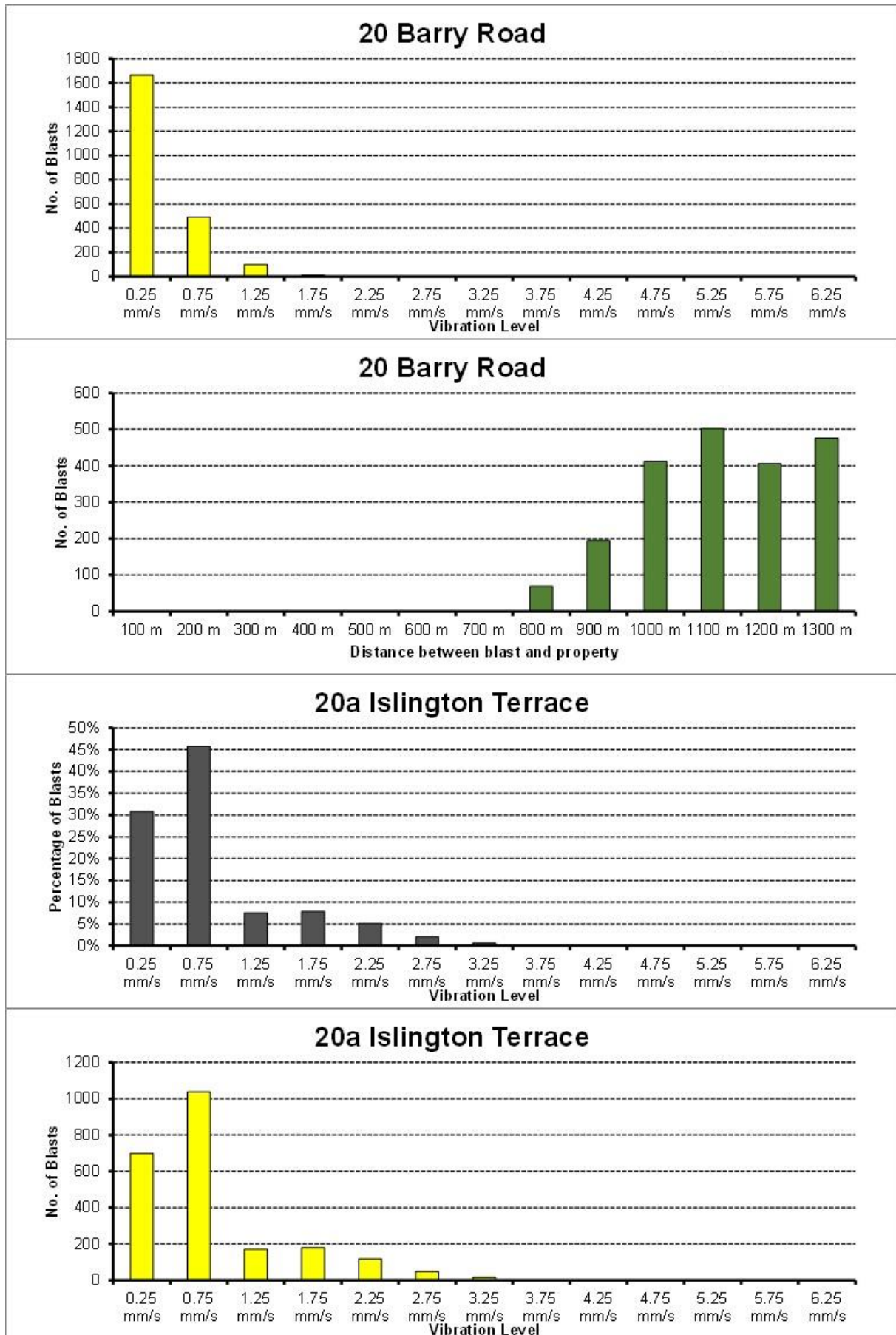


### 2 Boundary Road

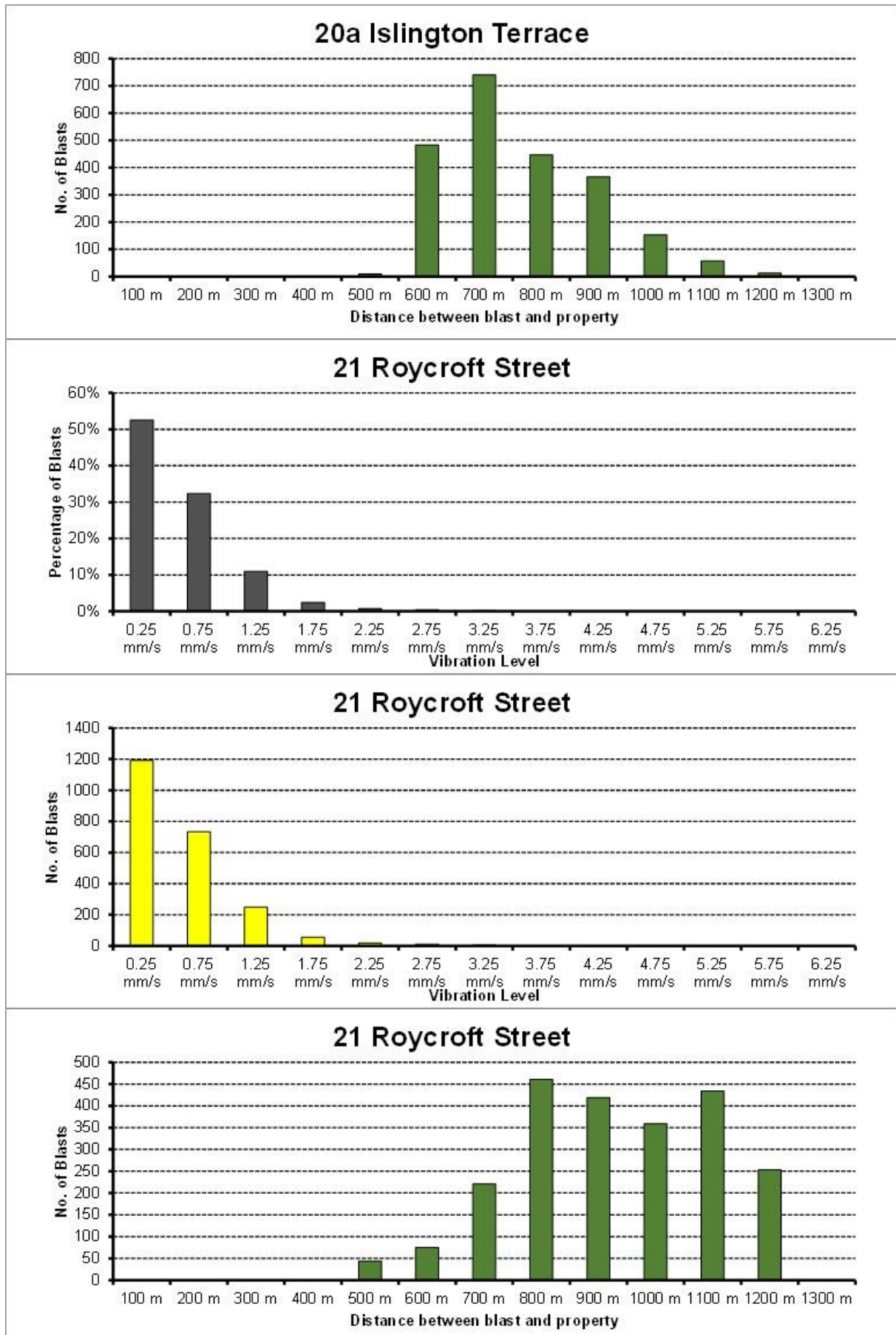


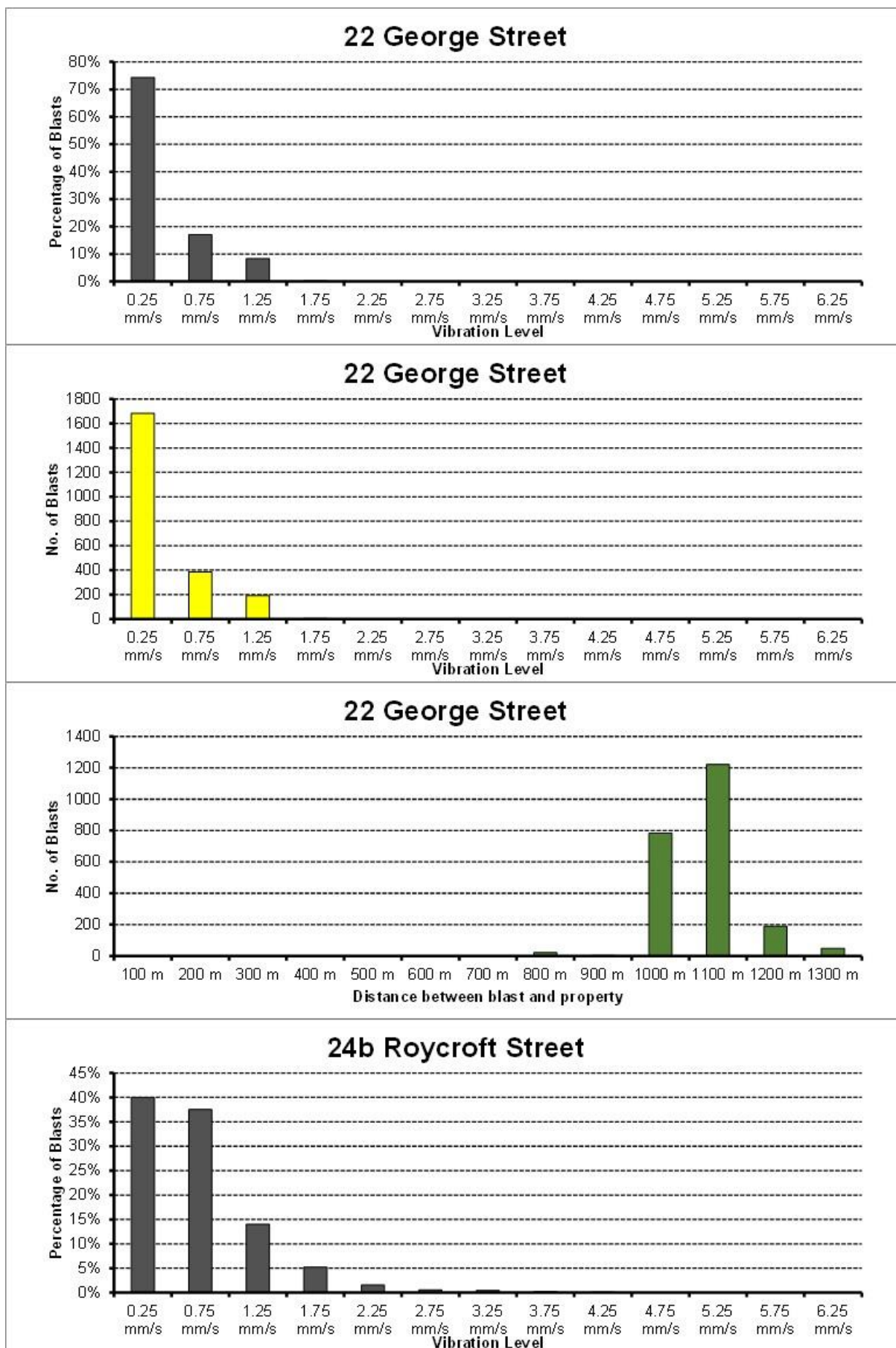
### 20 Barry Road

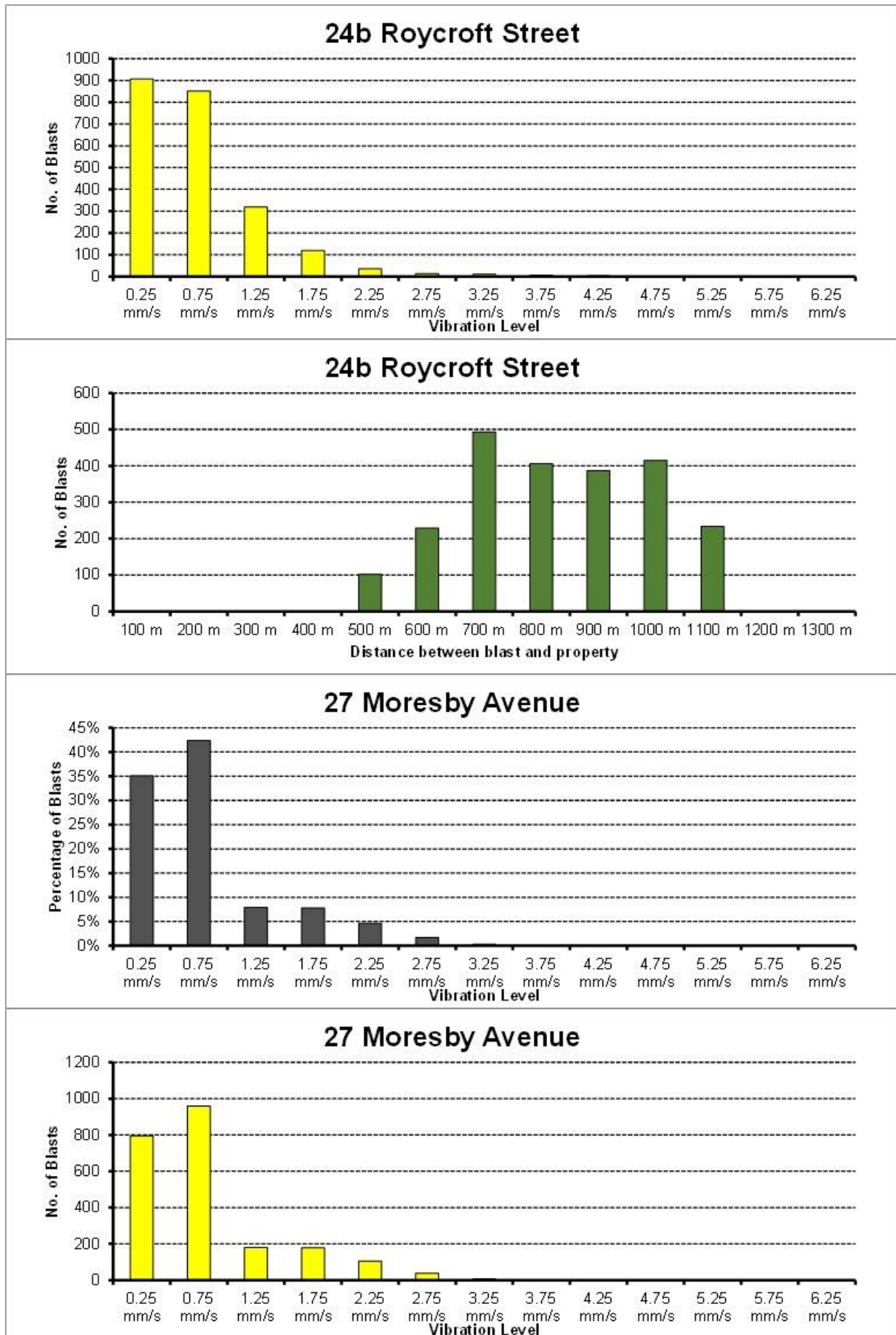




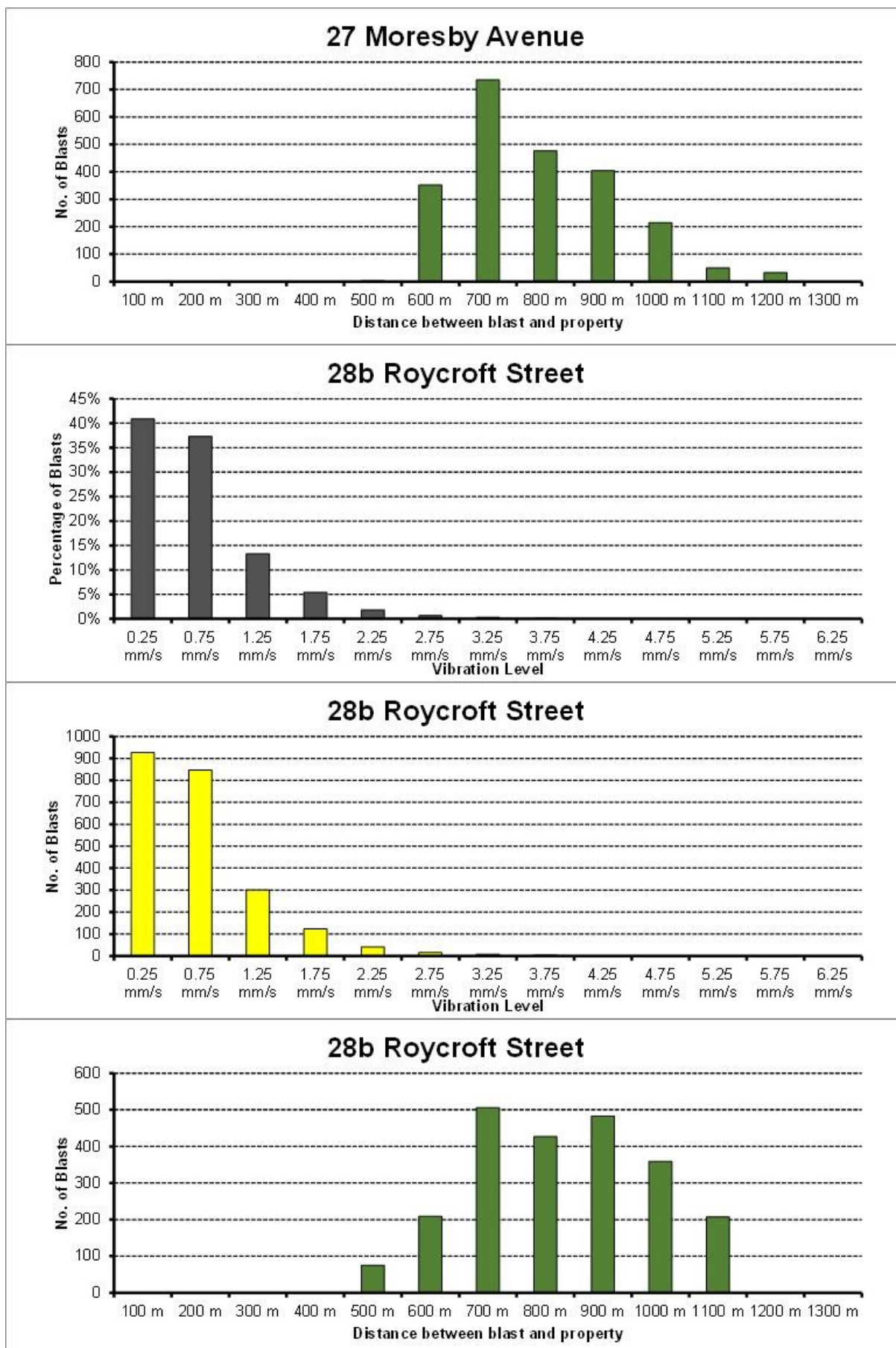


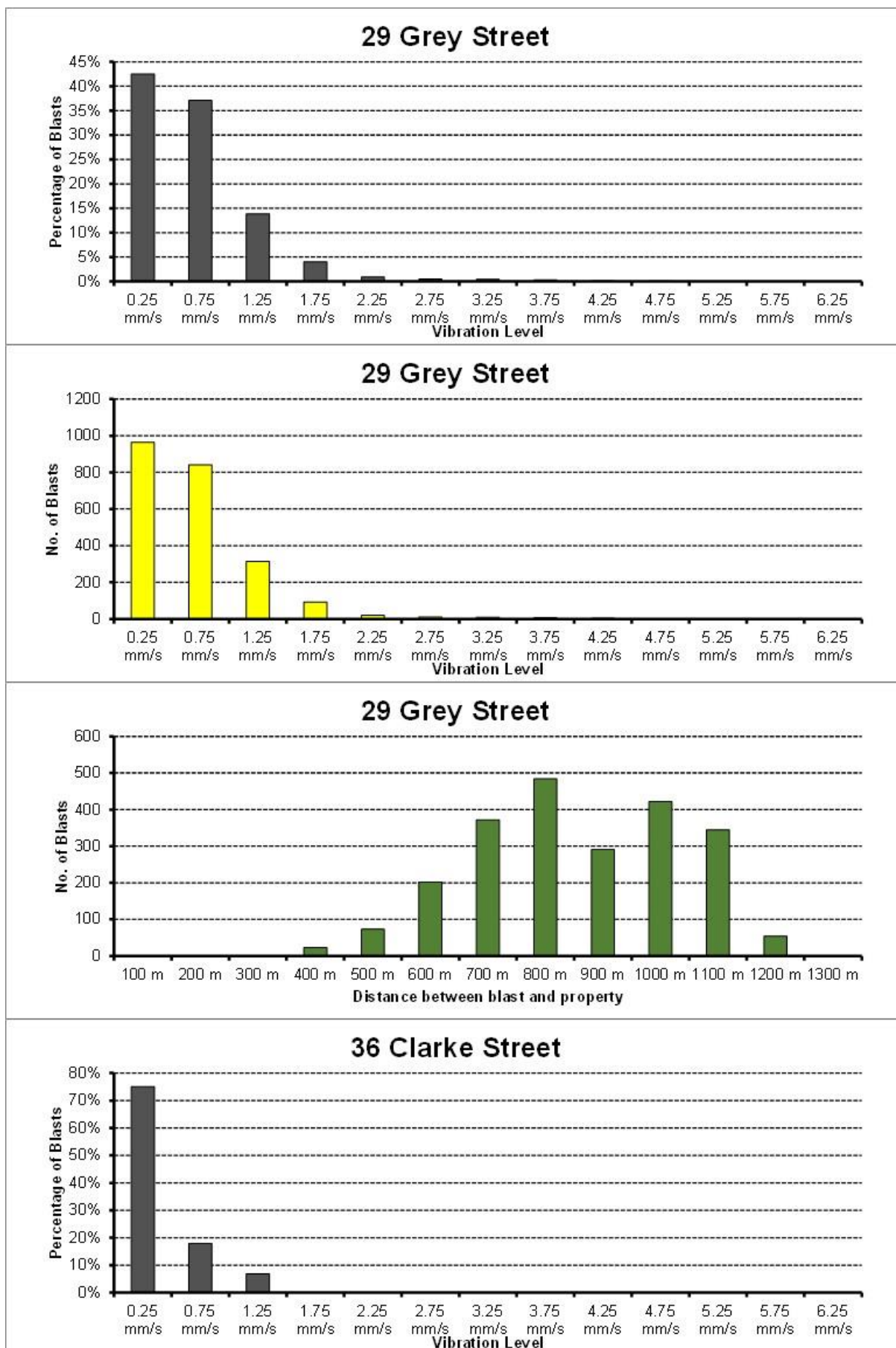






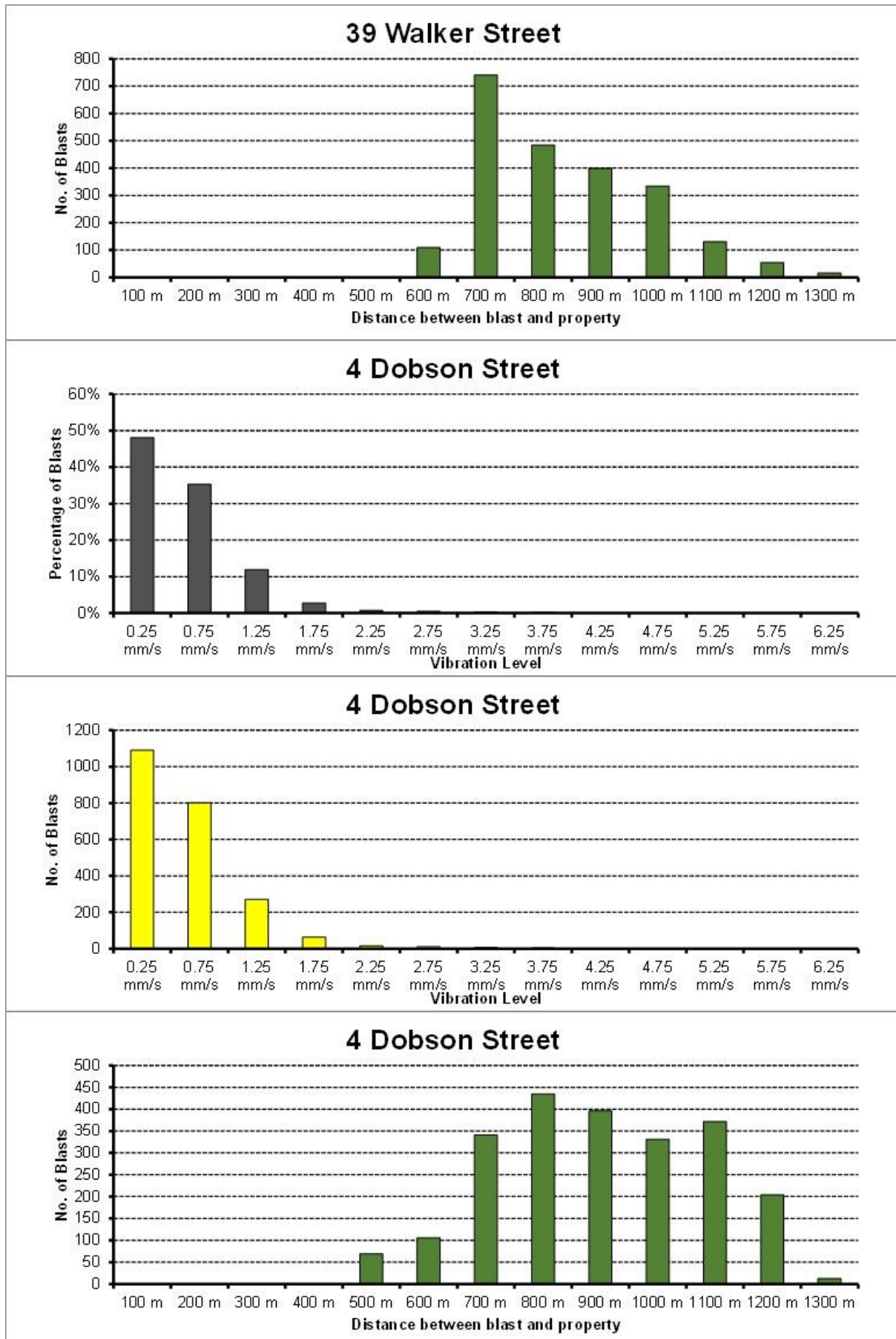


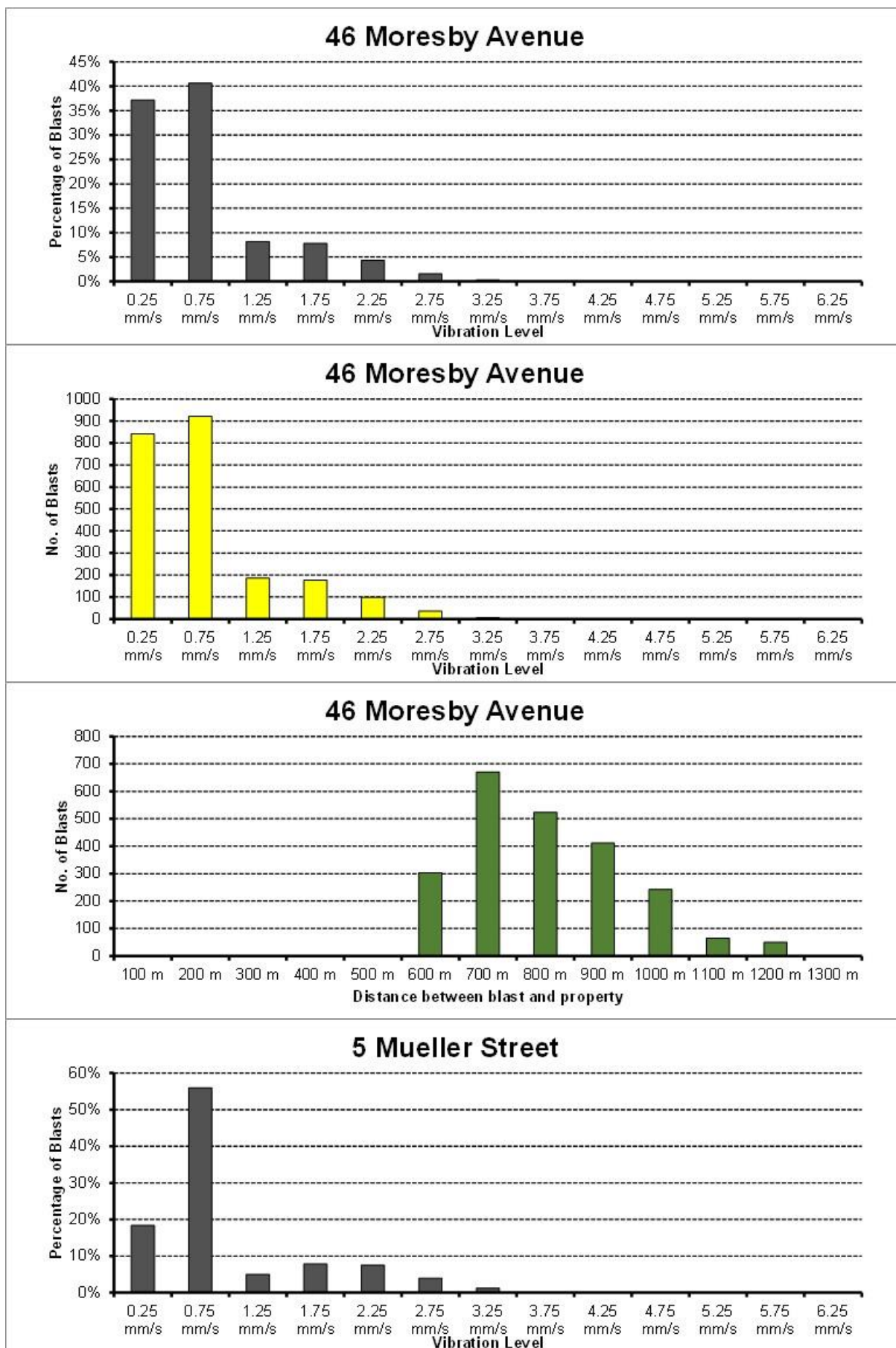


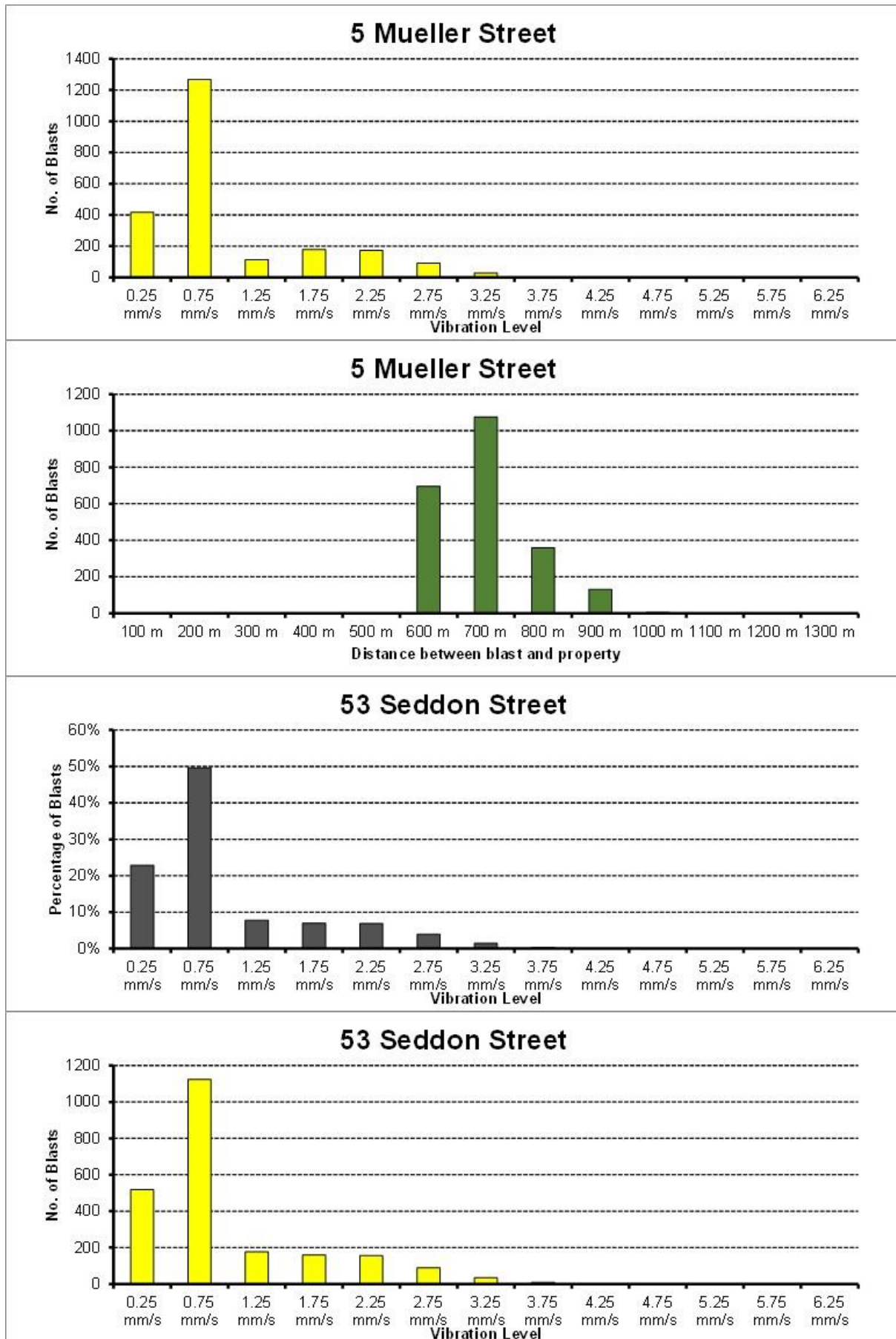






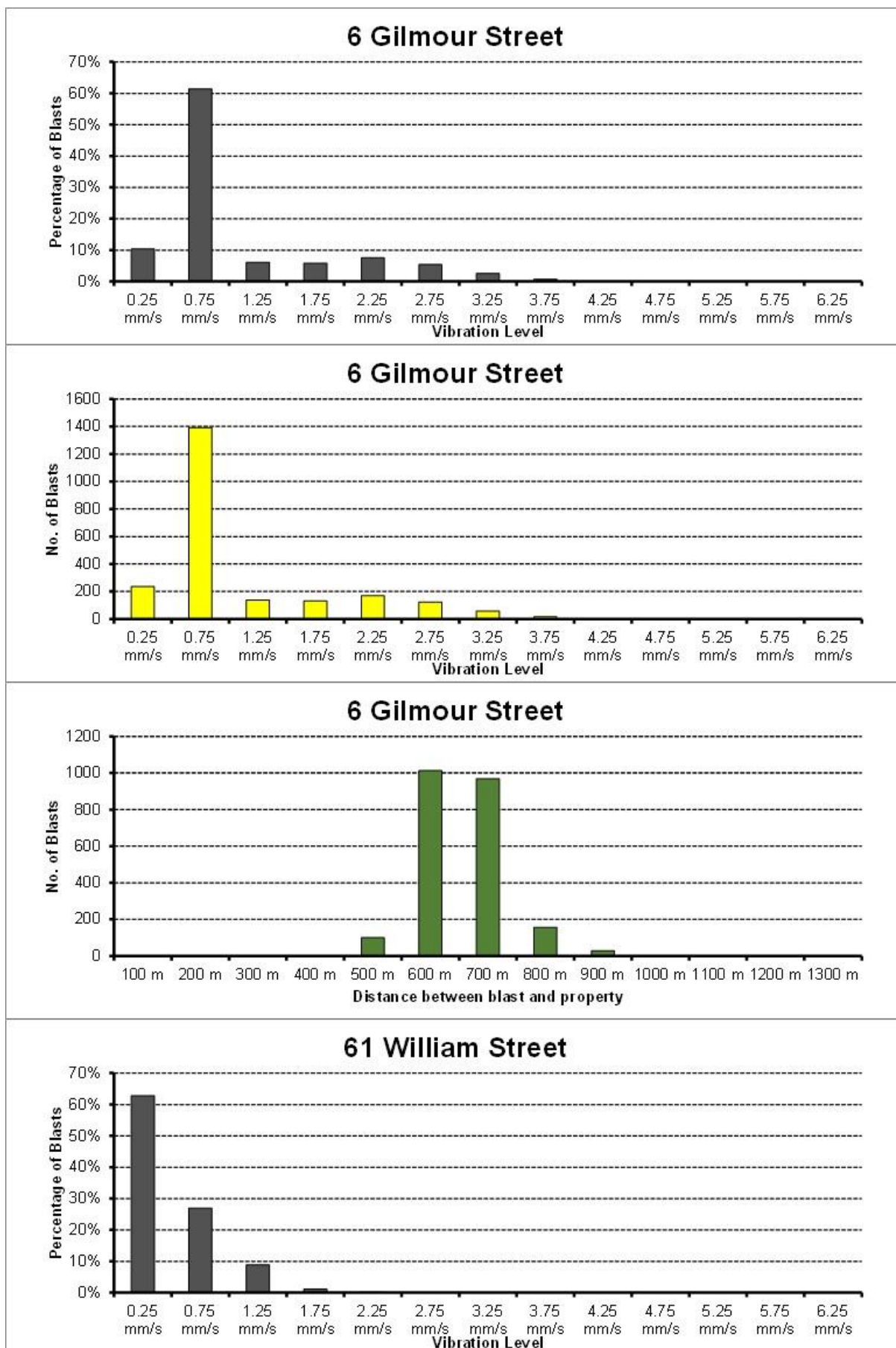


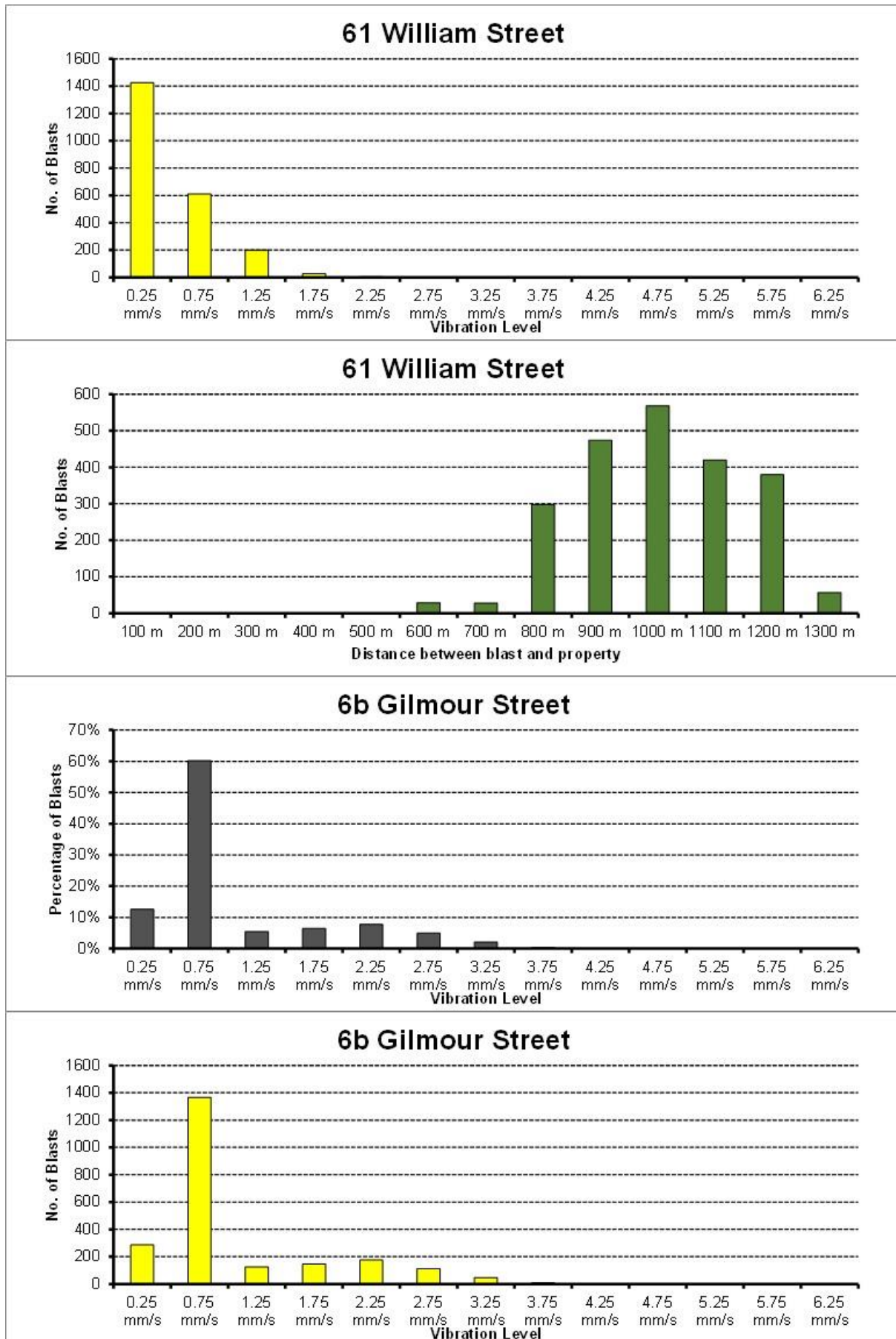




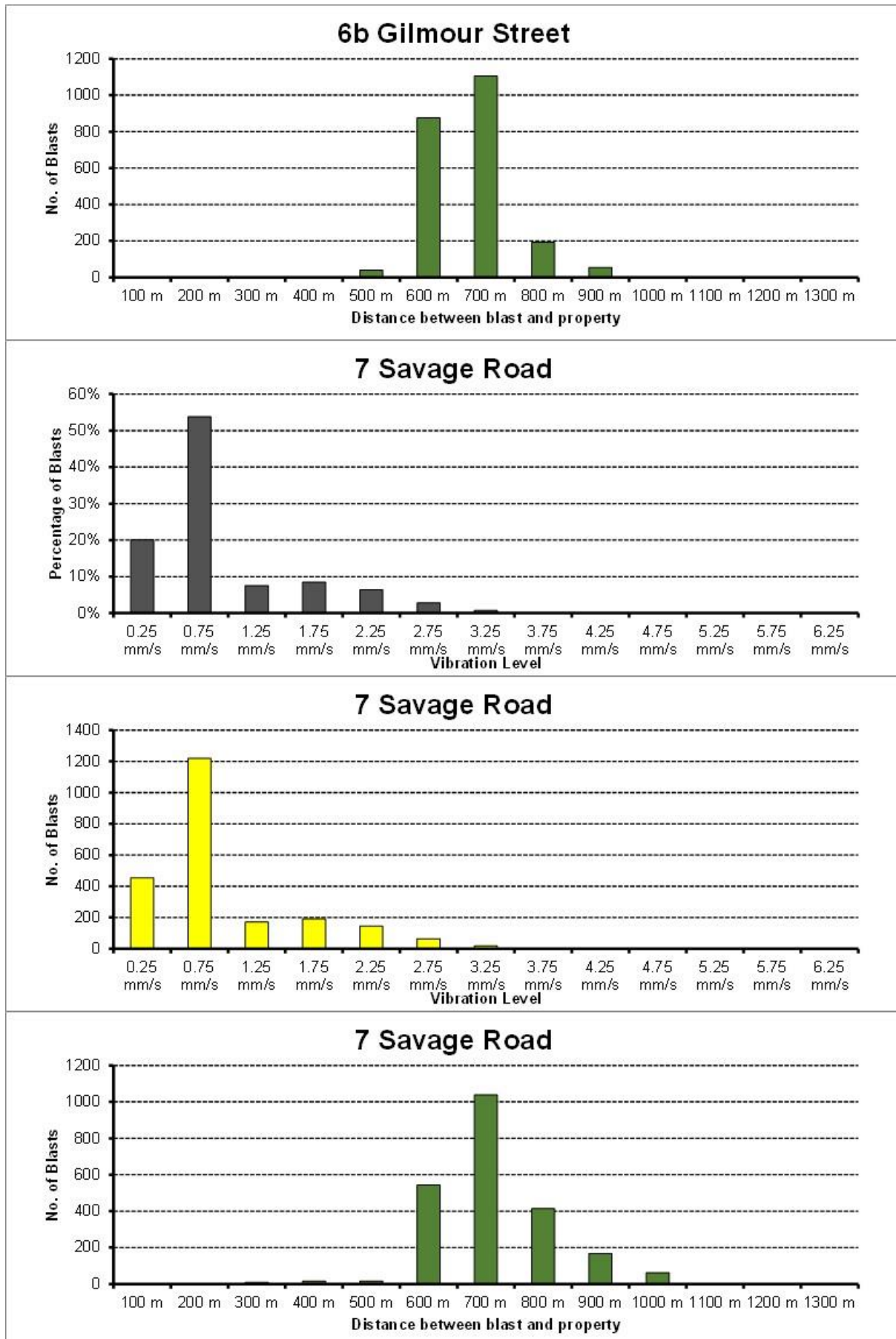




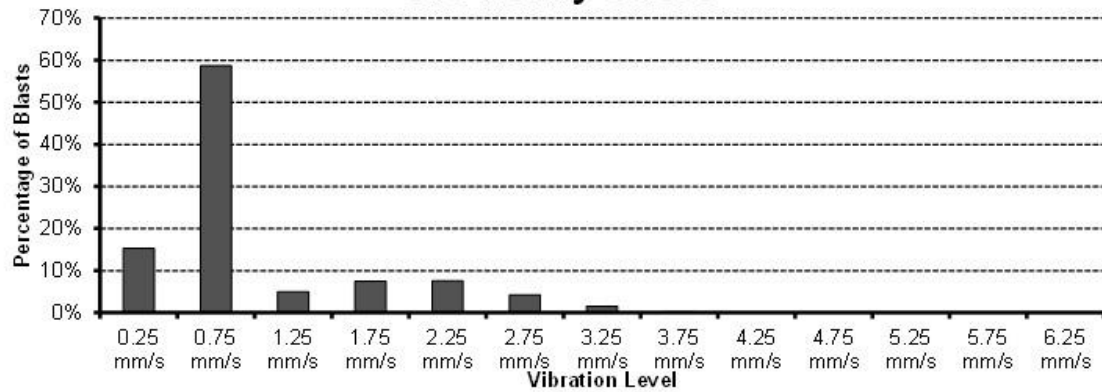




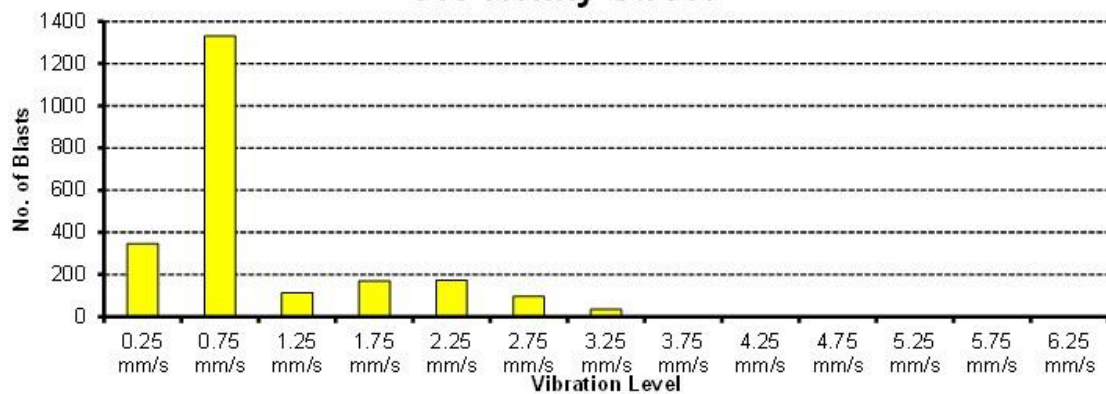




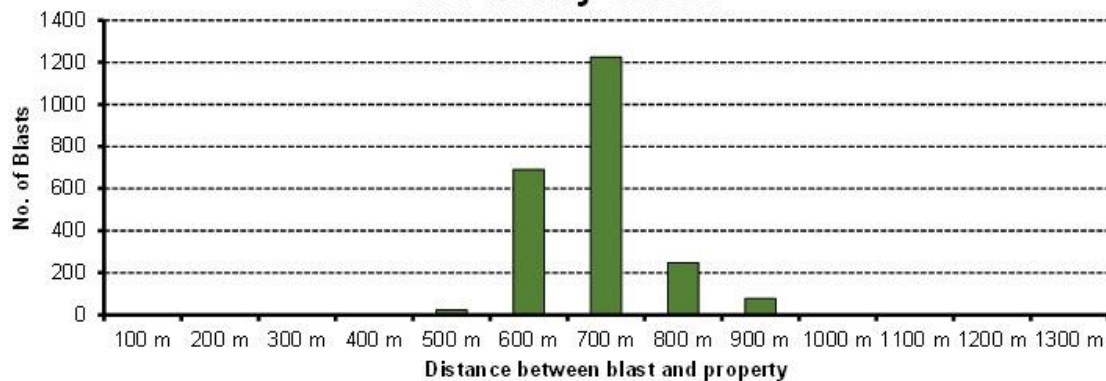
### 81c Kenny Street



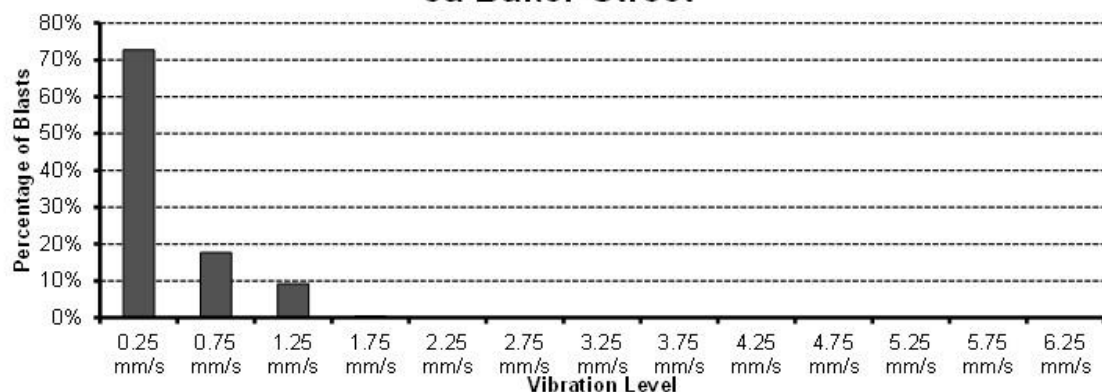
### 81c Kenny Street



### 81c Kenny Street

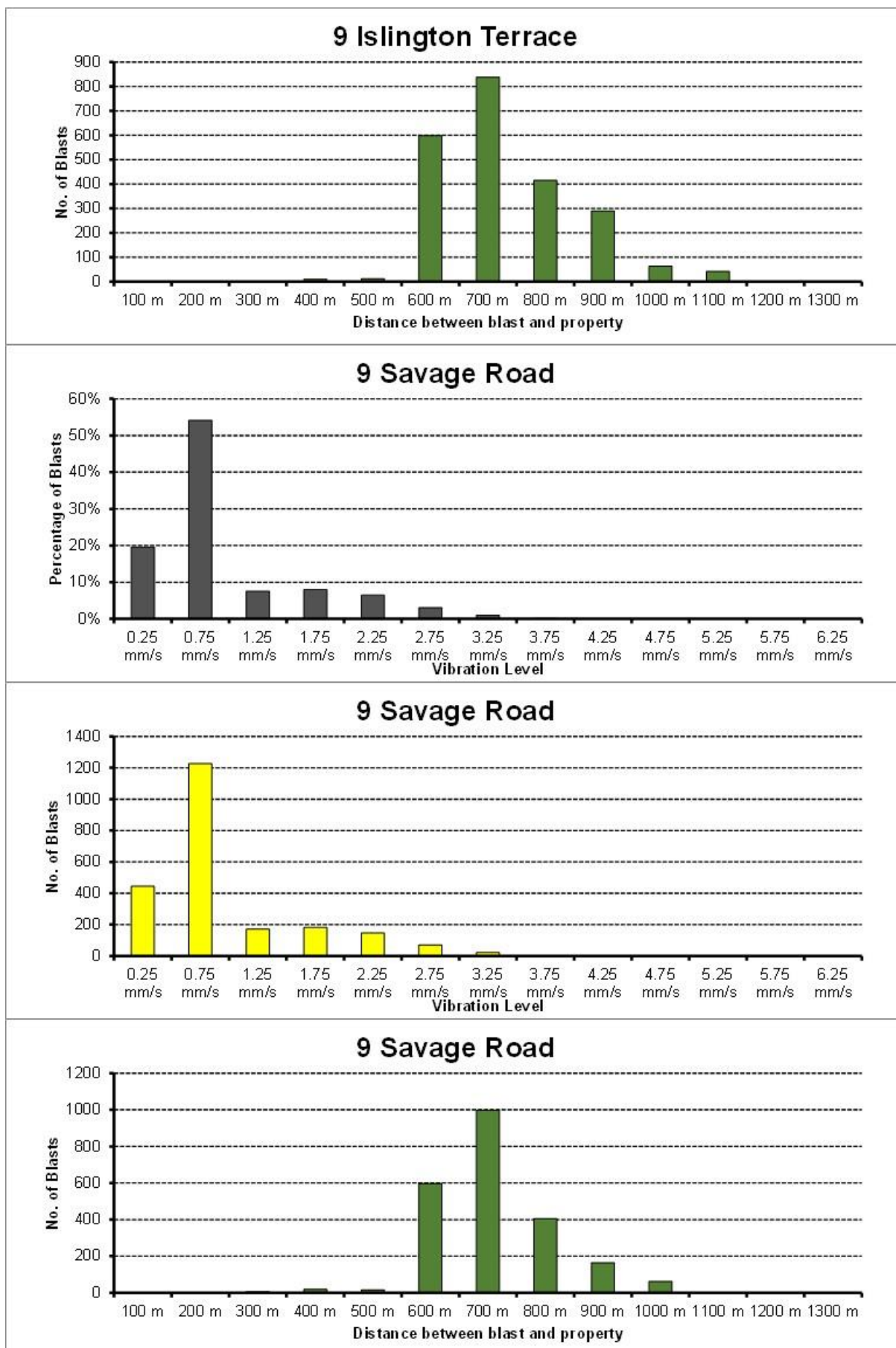


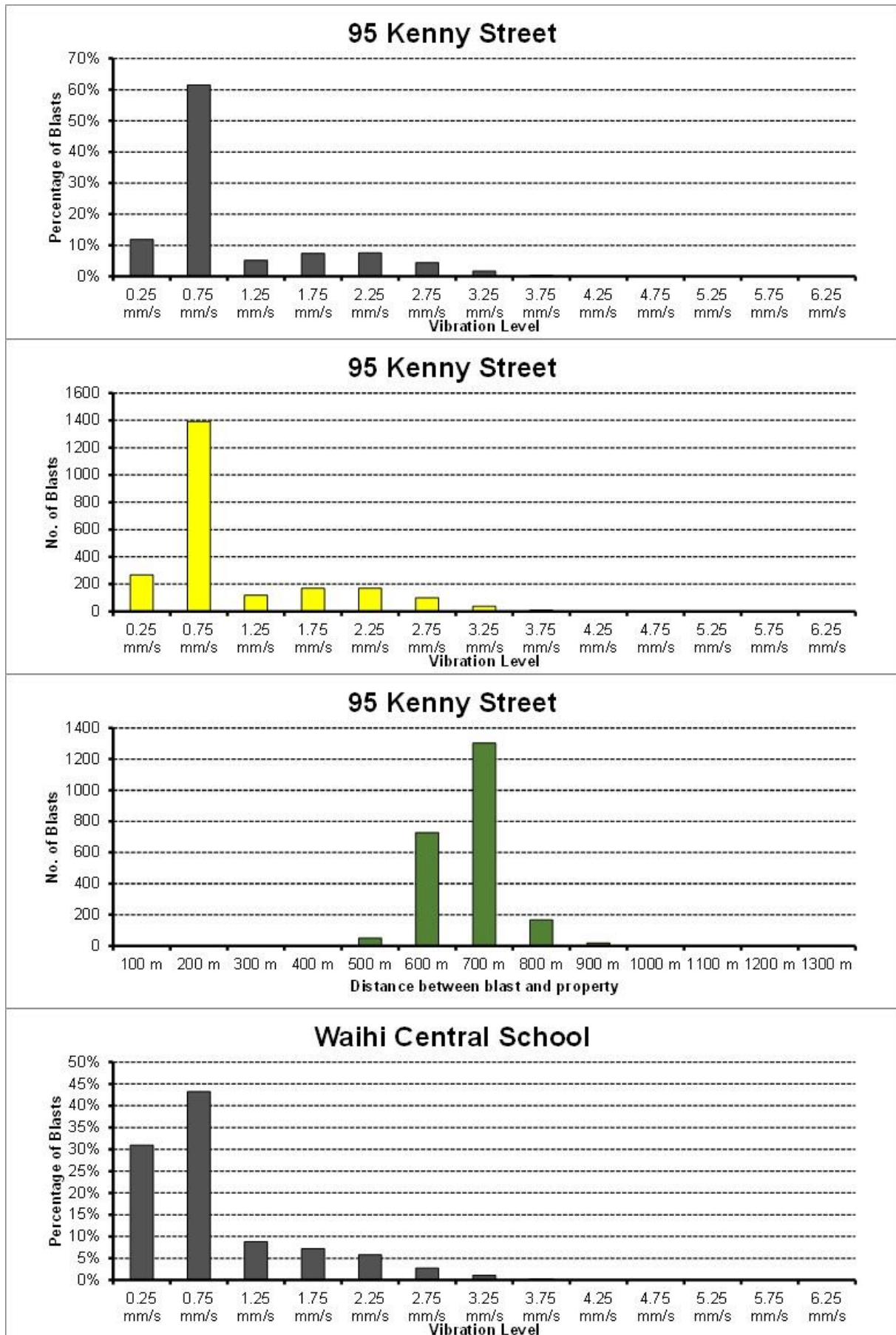
### 8a Baker Street

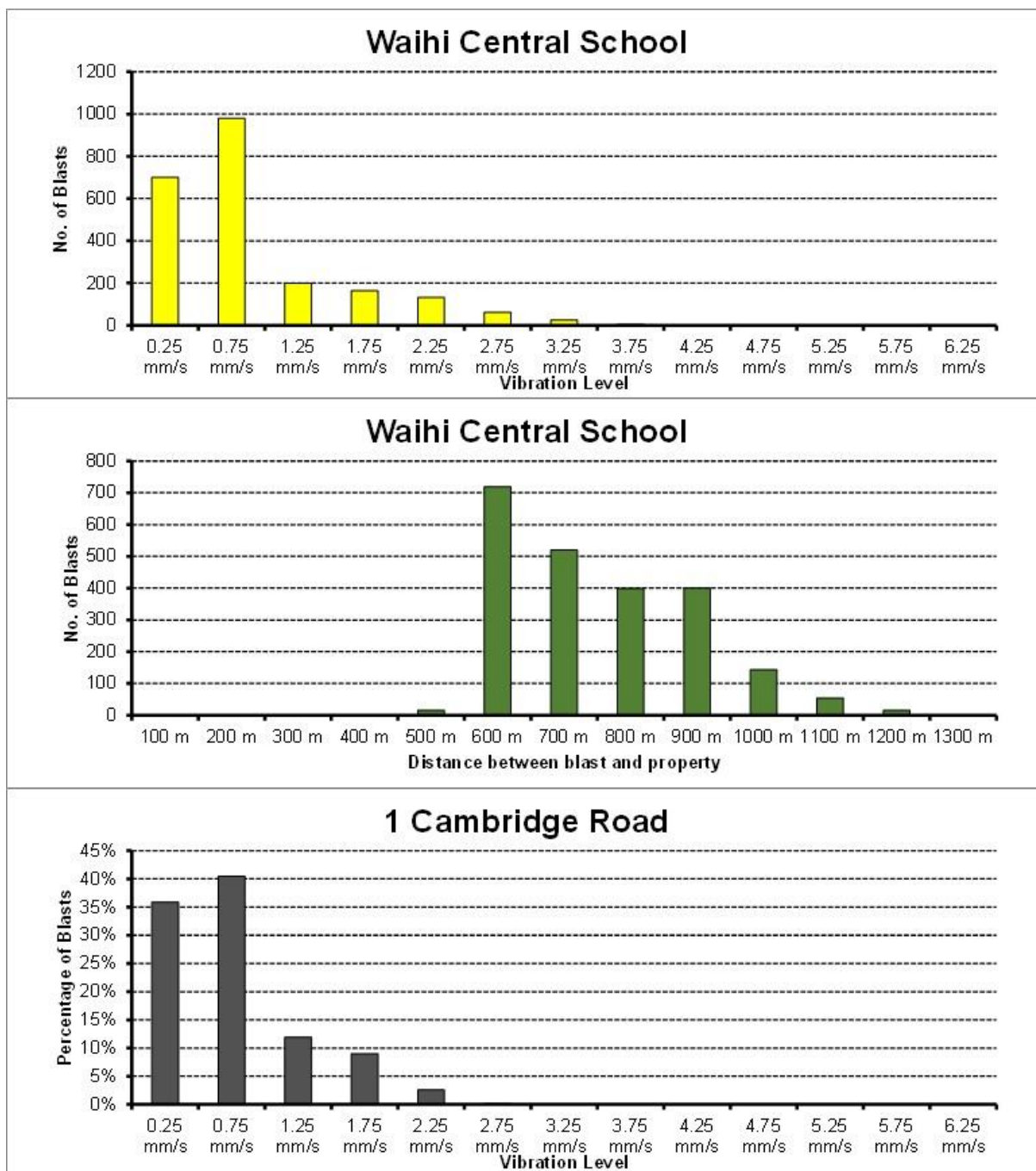




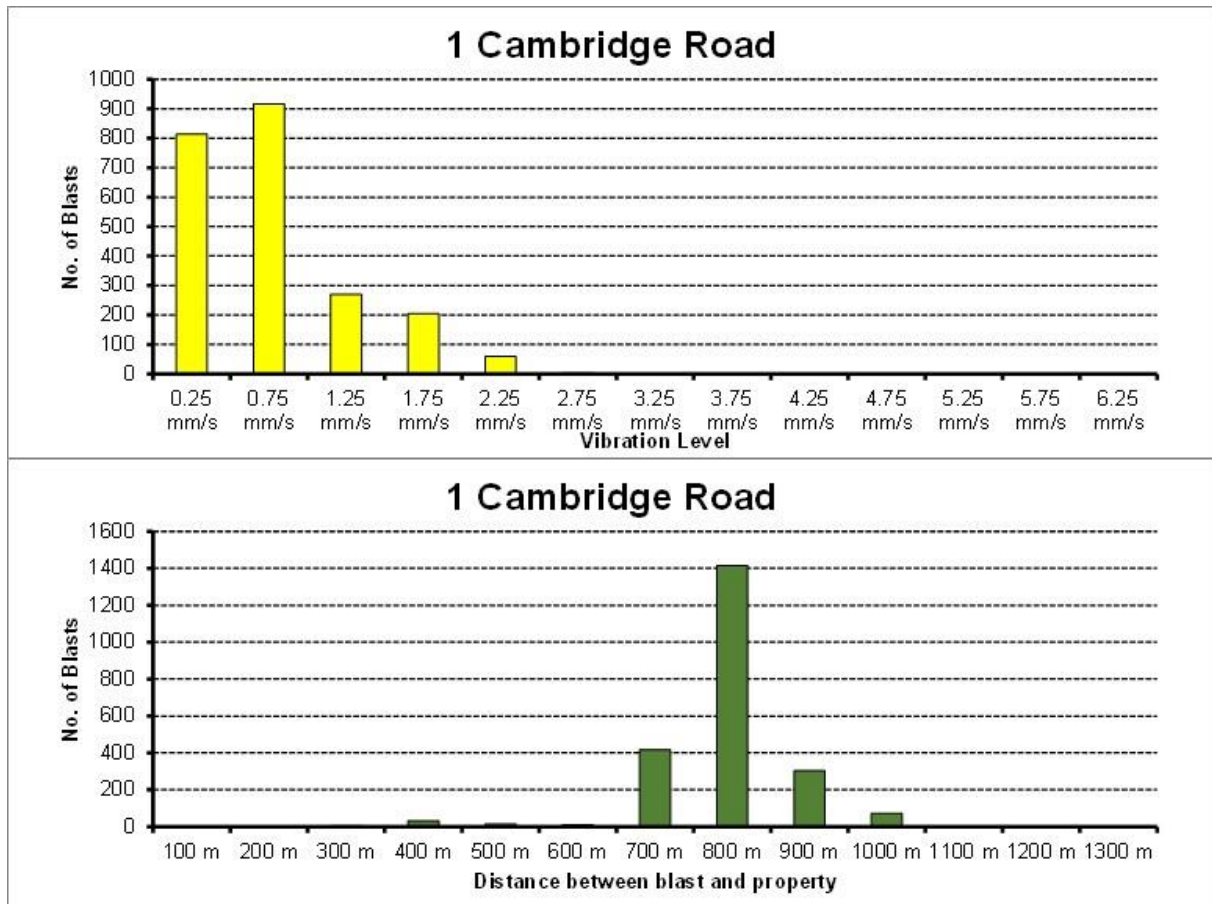




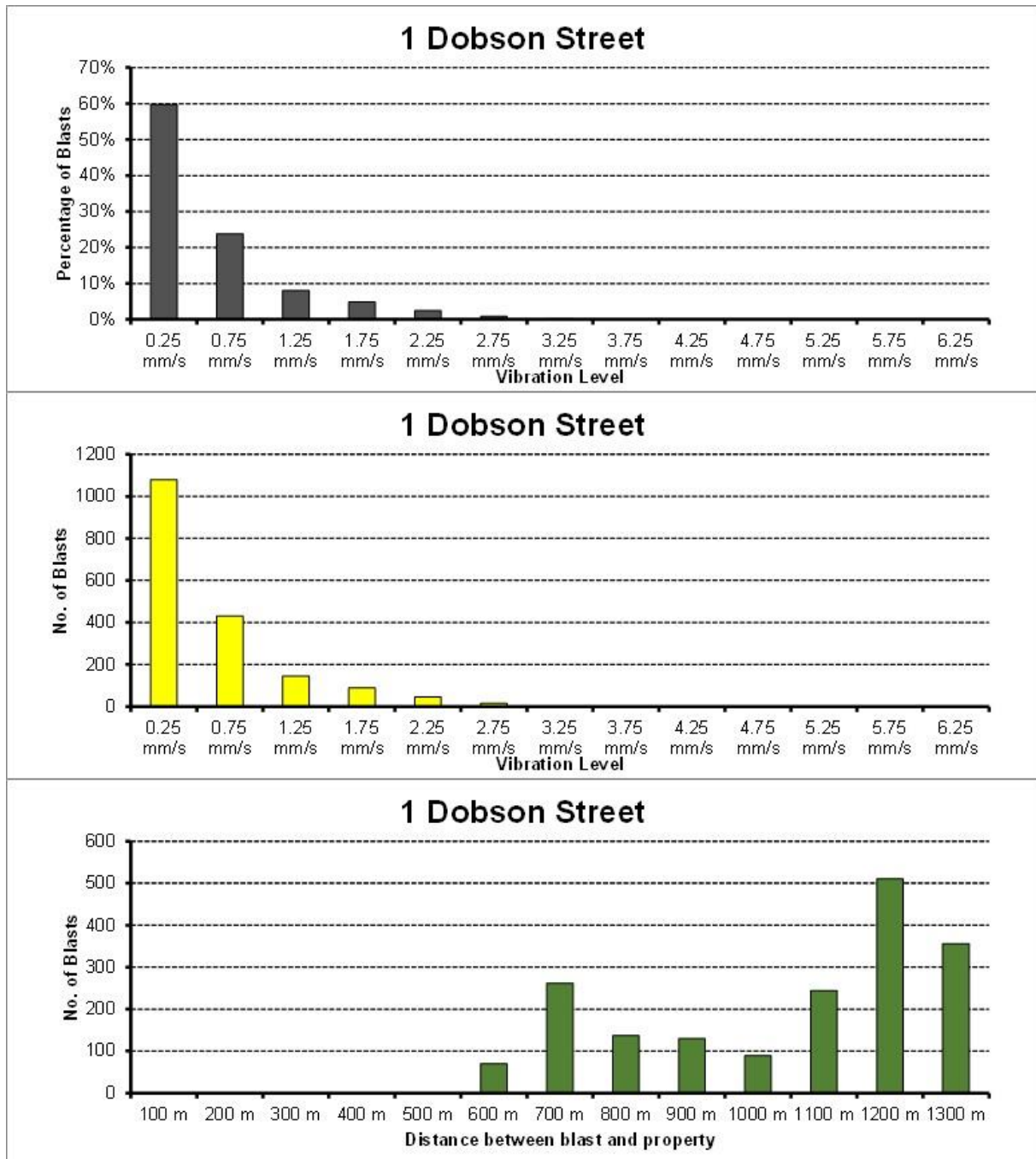


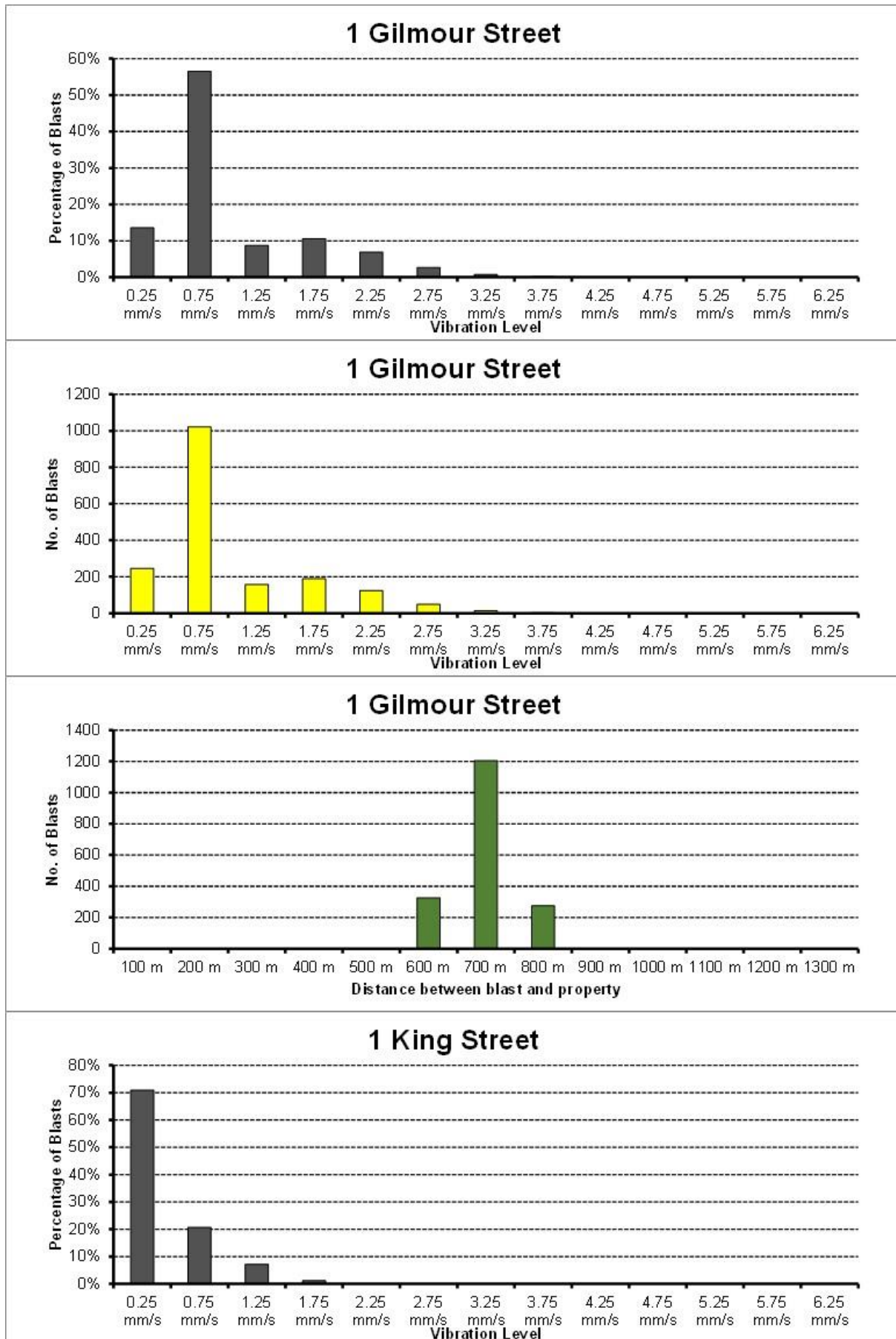




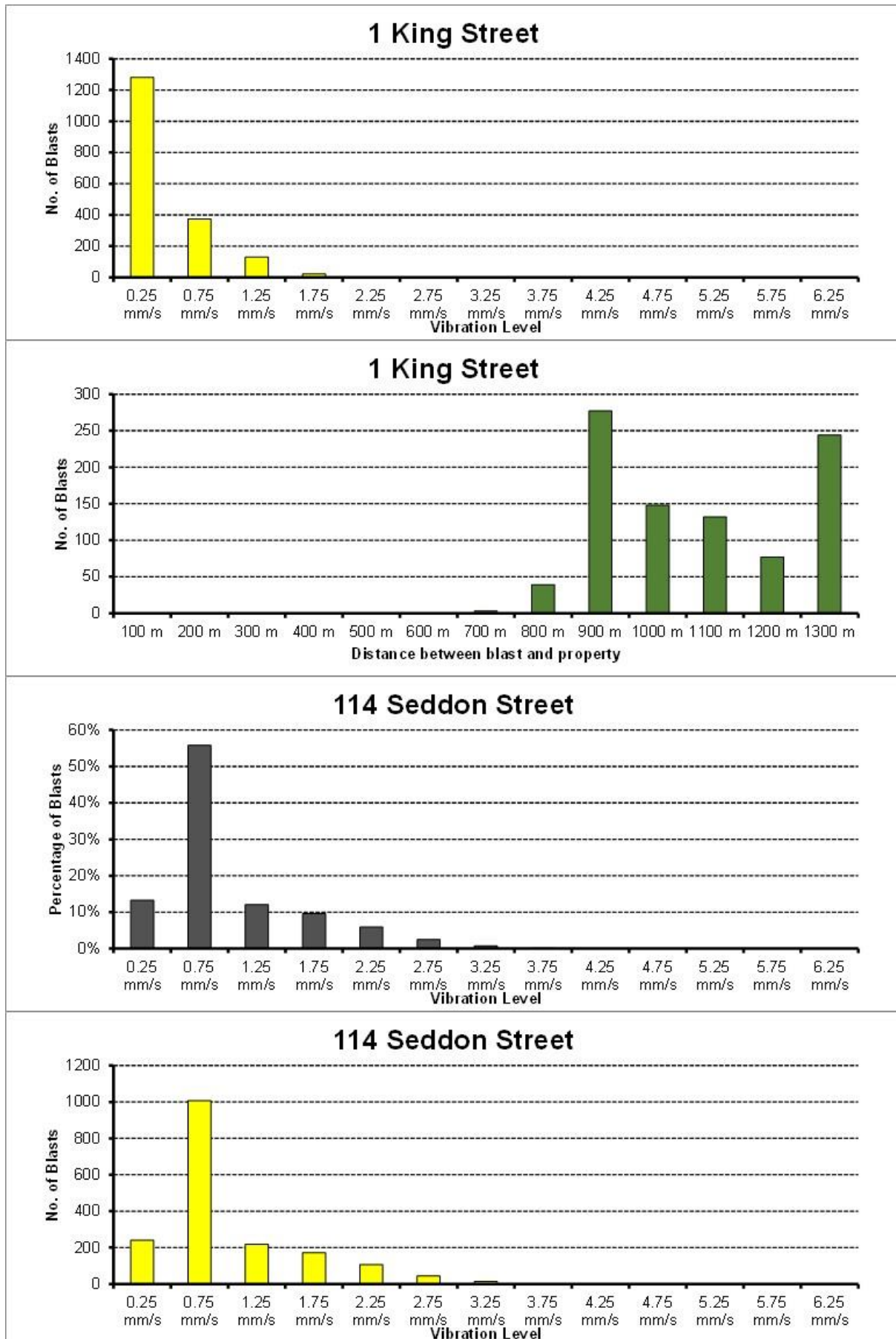


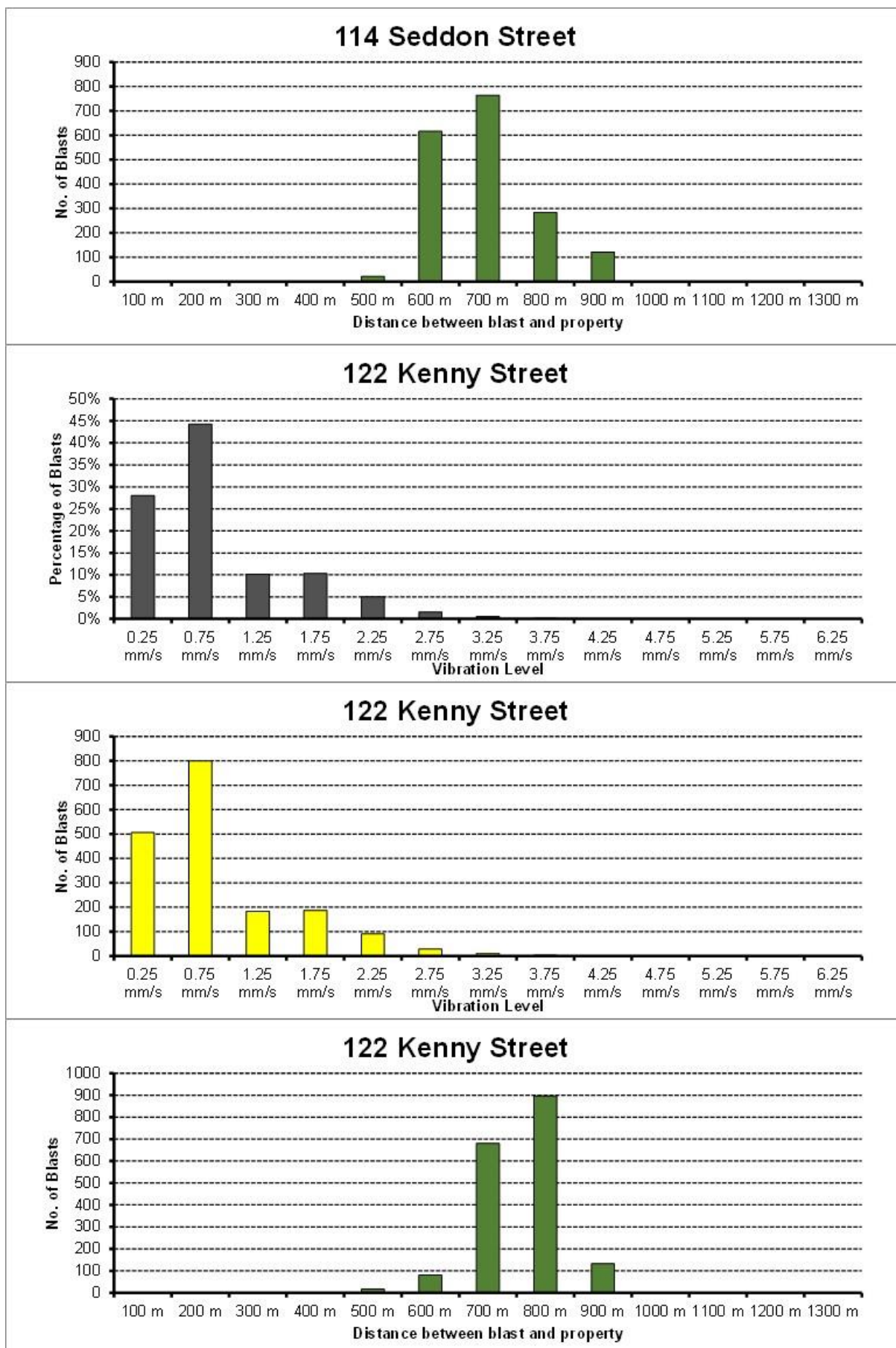
## 7. MARTHA PROJECT 2026

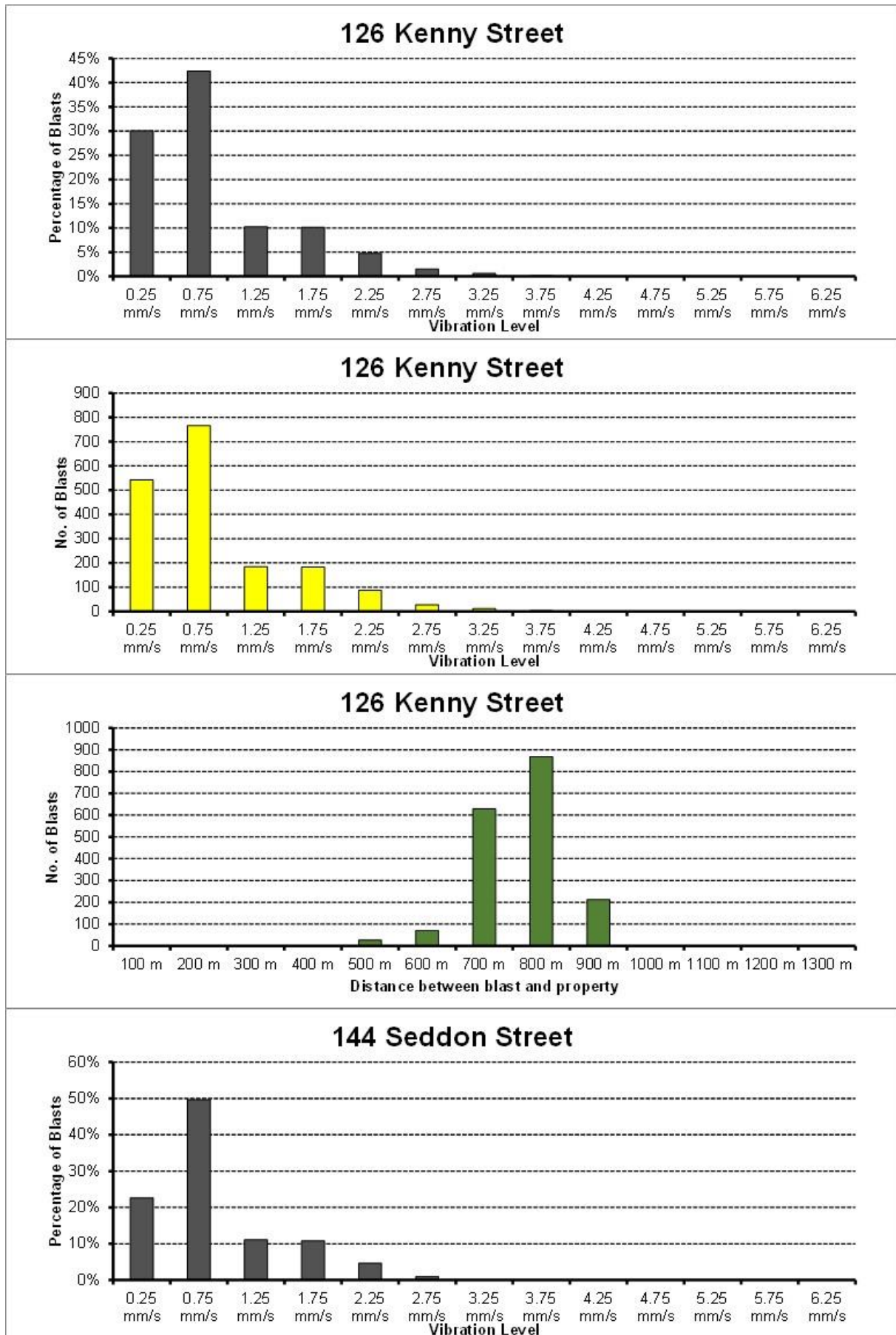






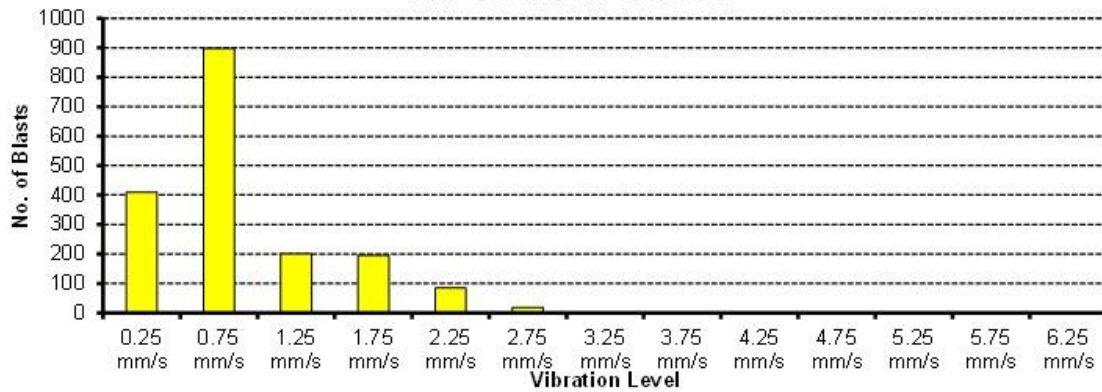




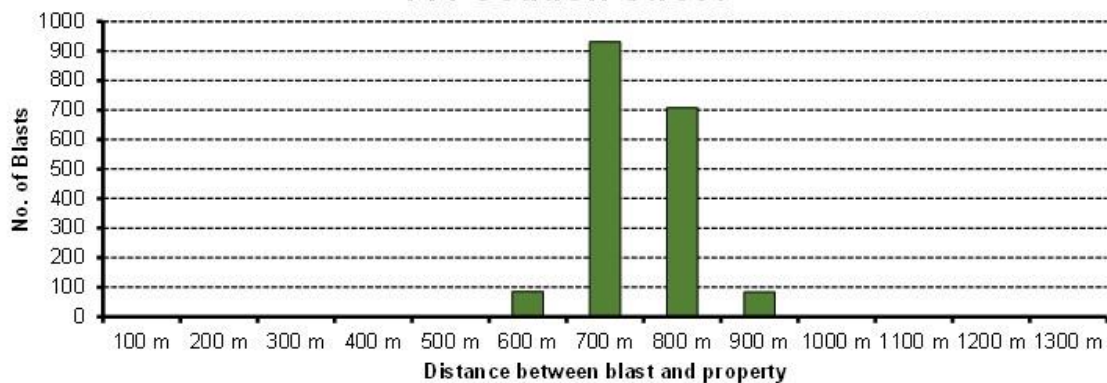




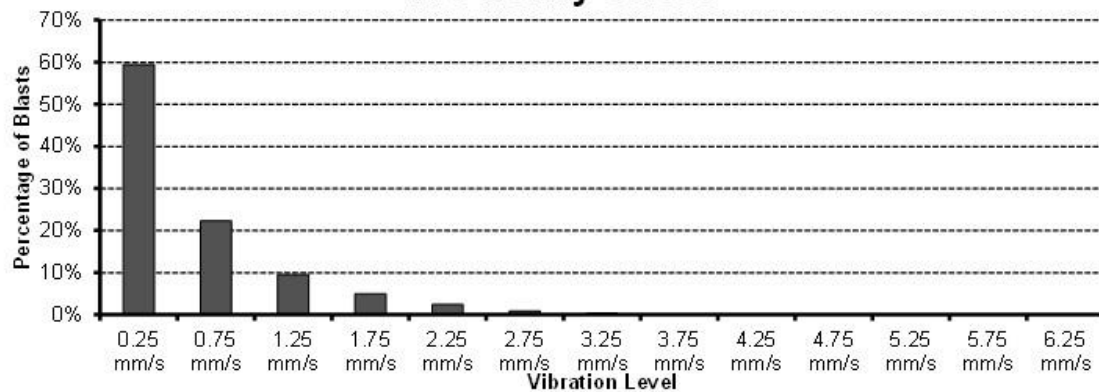
### 144 Seddon Street



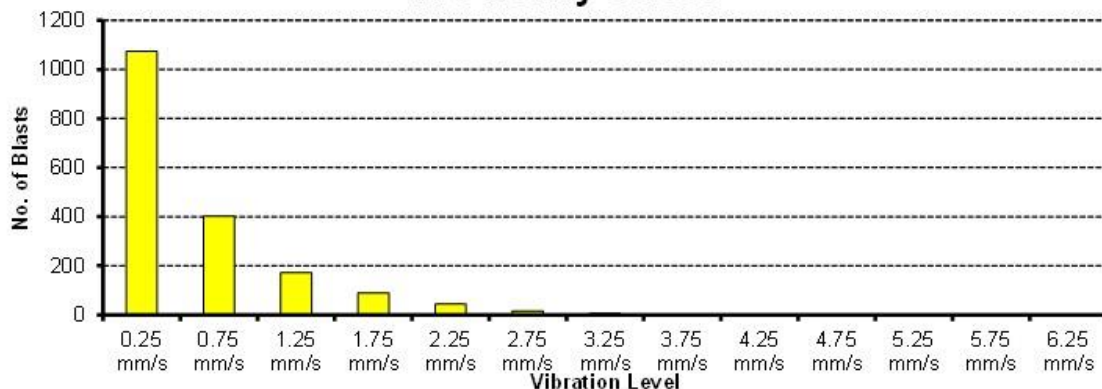
### 144 Seddon Street

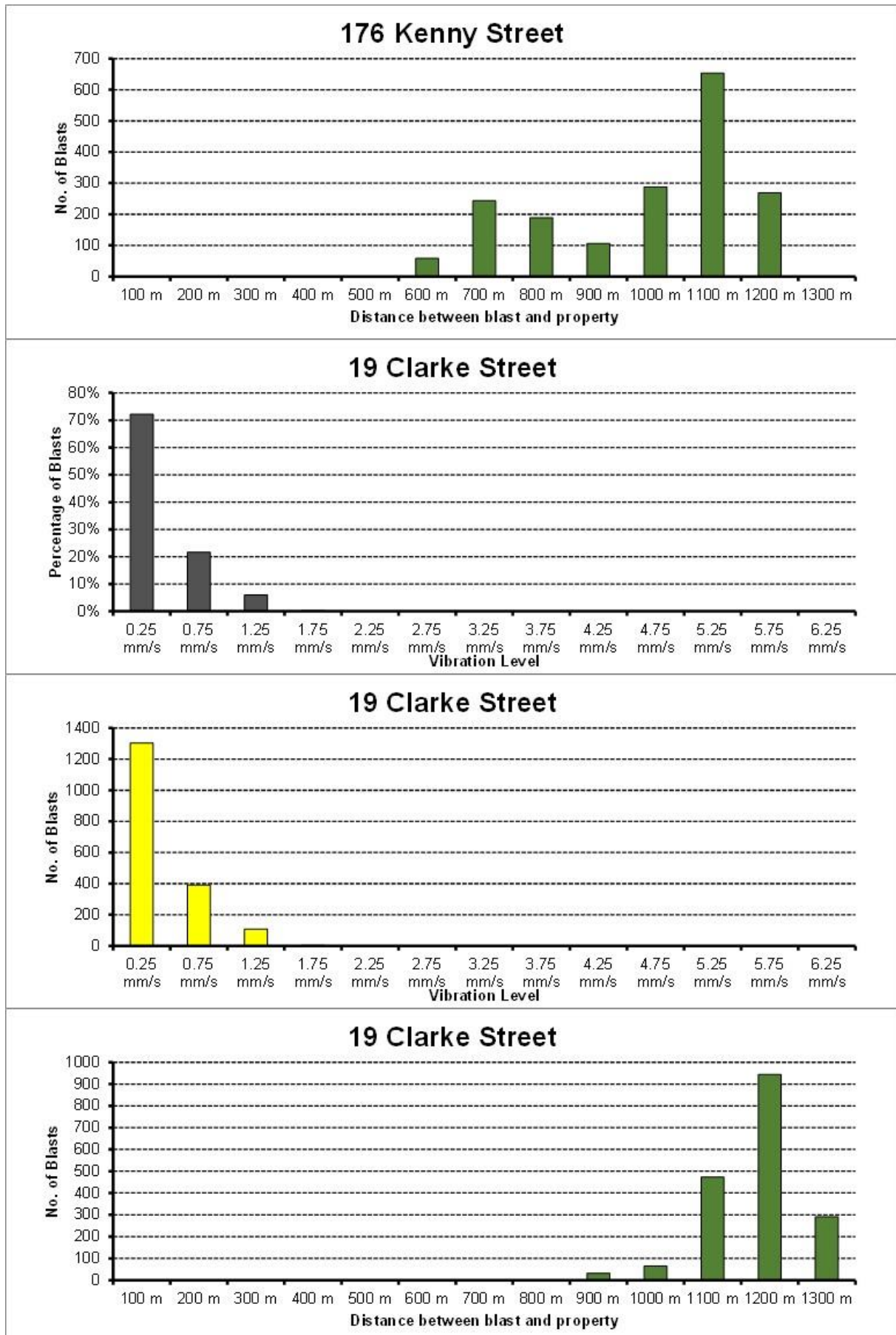


### 176 Kenny Street

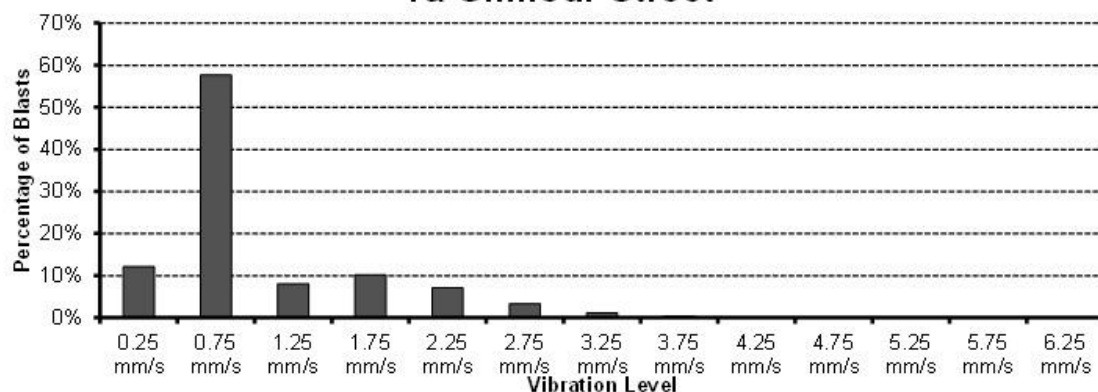


### 176 Kenny Street

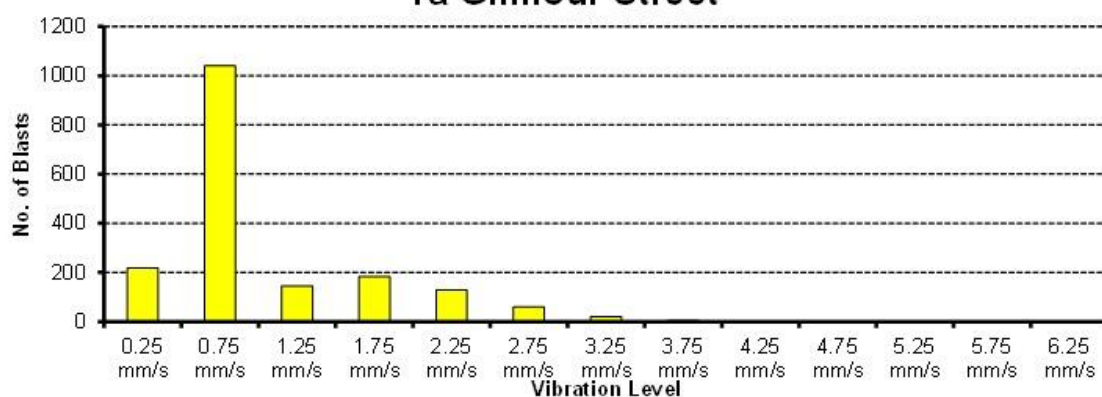




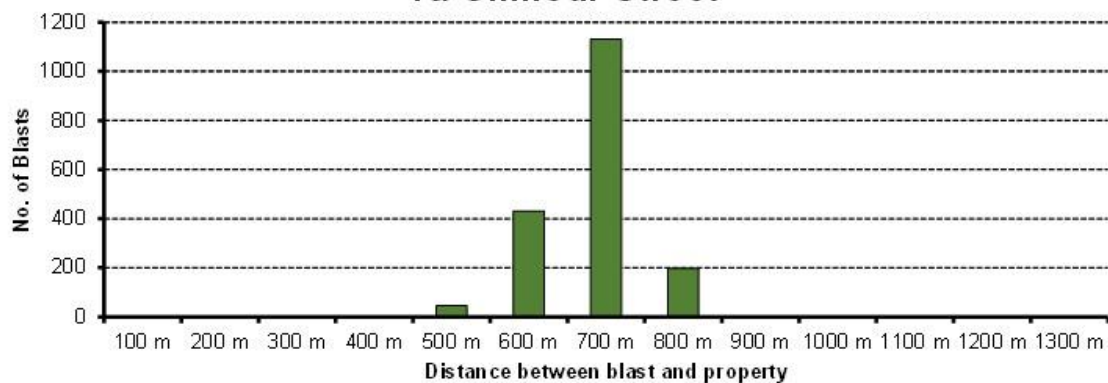
### 1a Gilmour Street



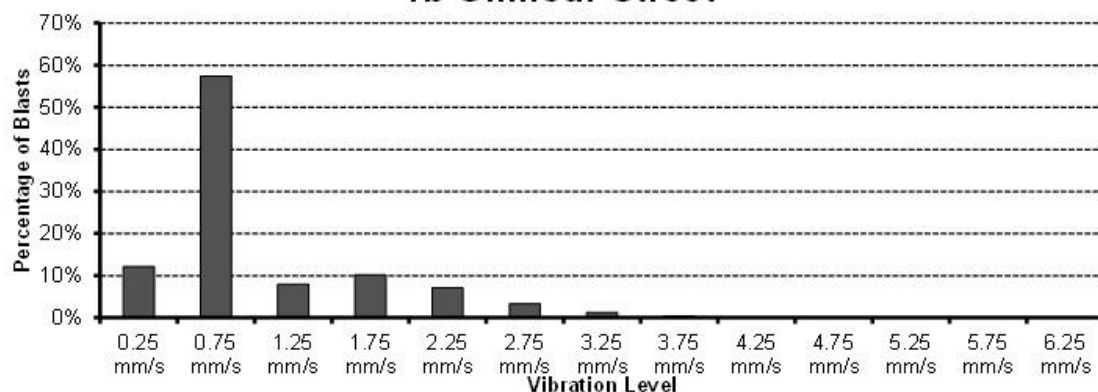
### 1a Gilmour Street



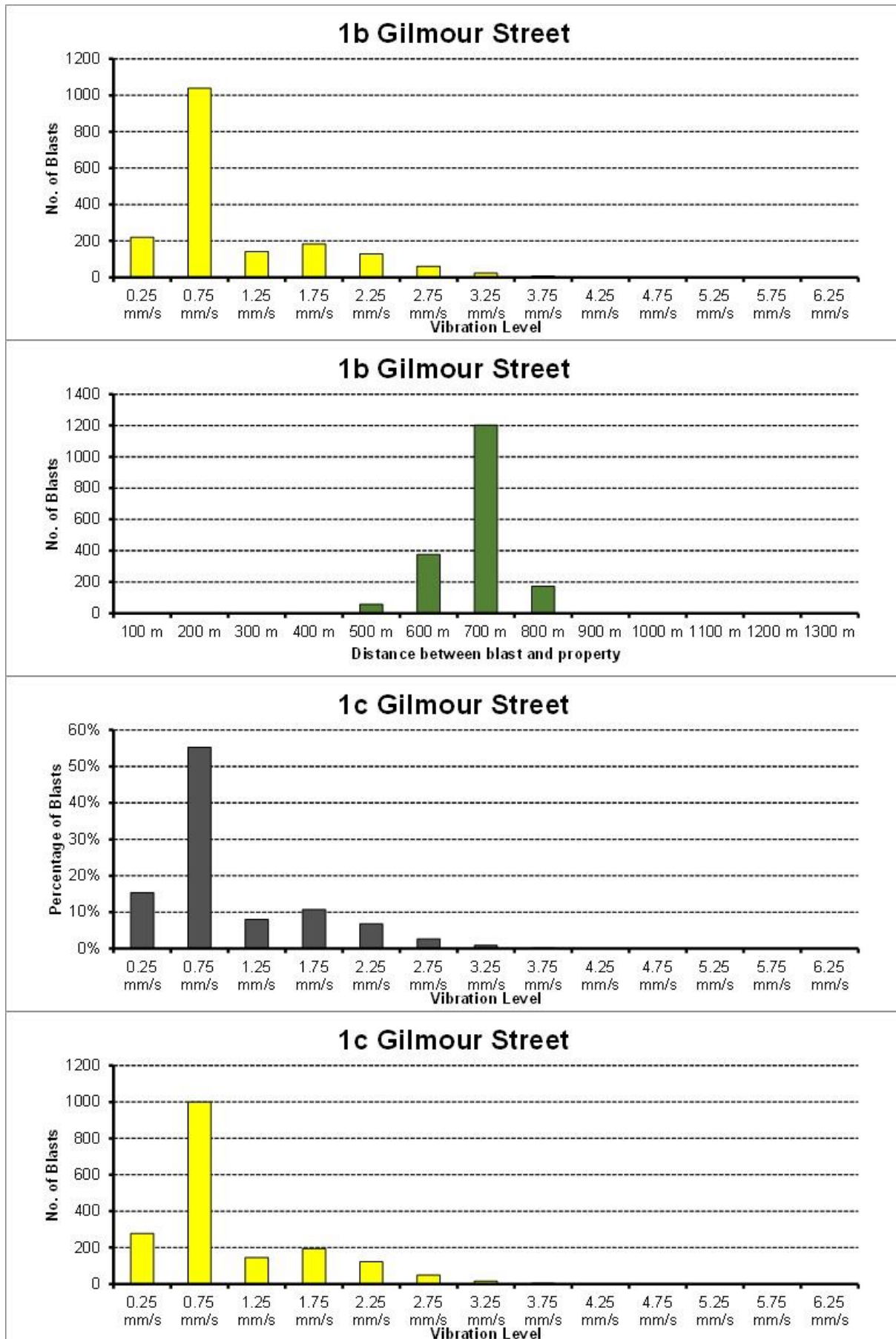
### 1a Gilmour Street

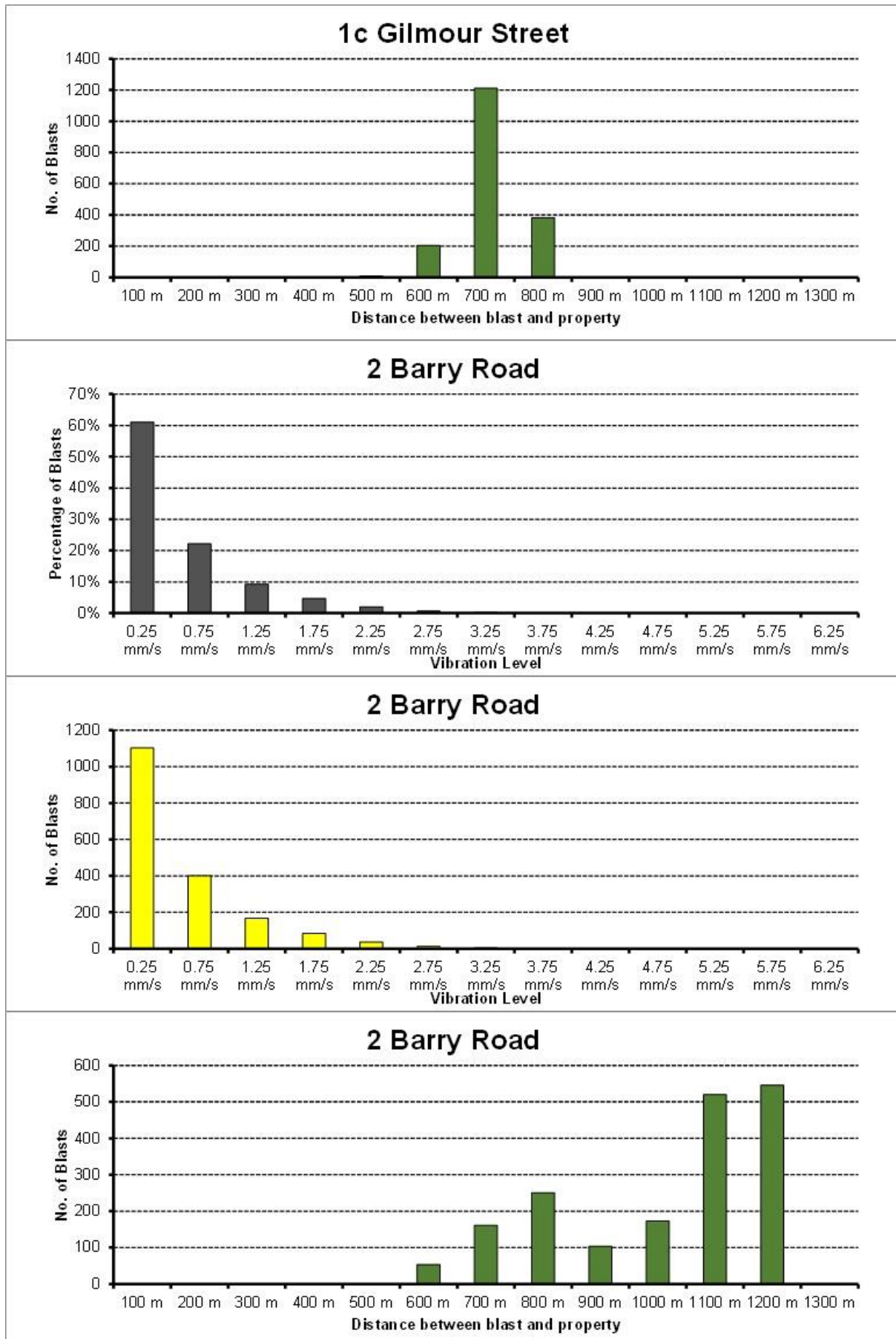


### 1b Gilmour Street

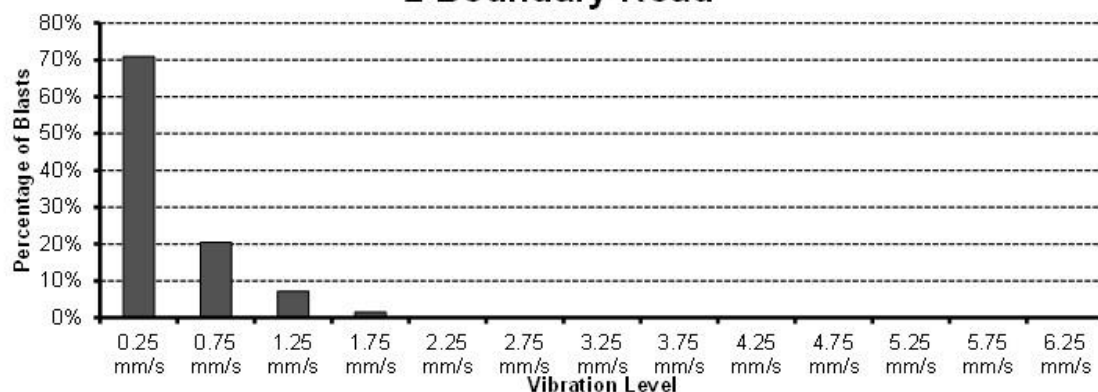




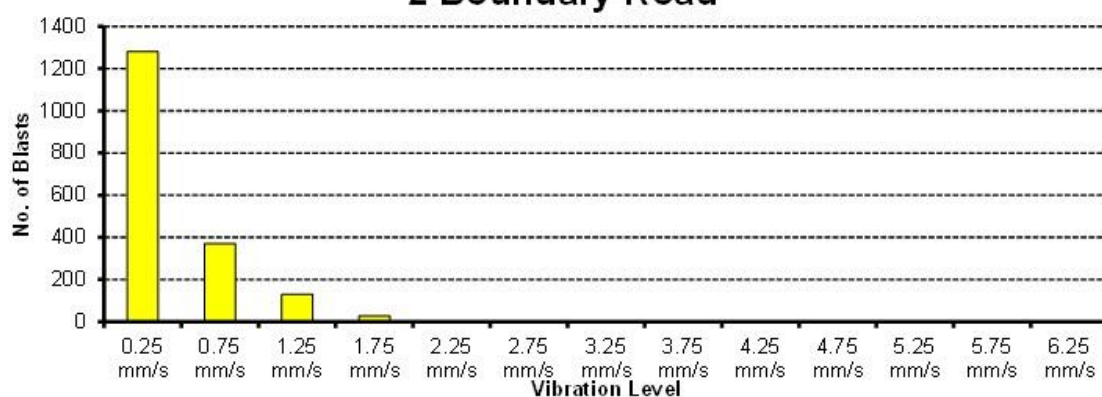




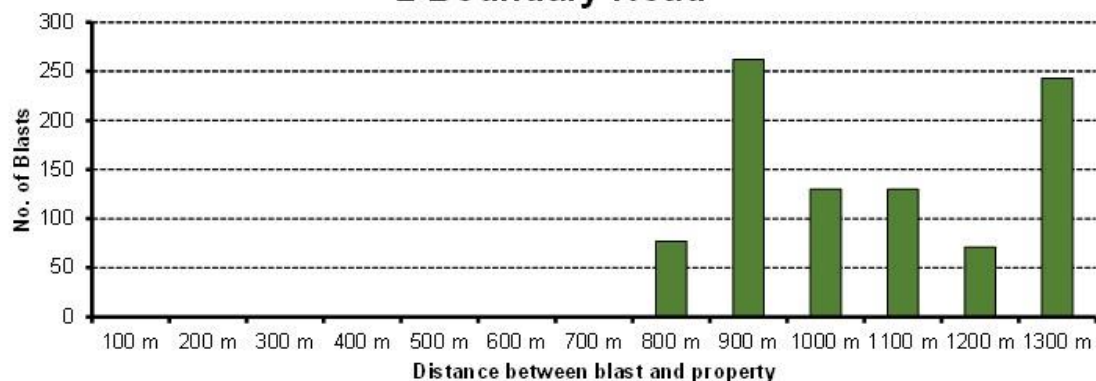
## 2 Boundary Road



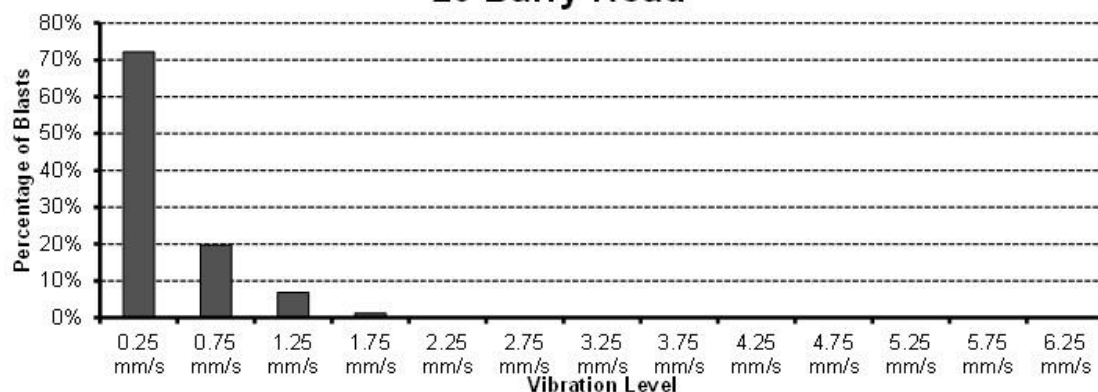
## 2 Boundary Road



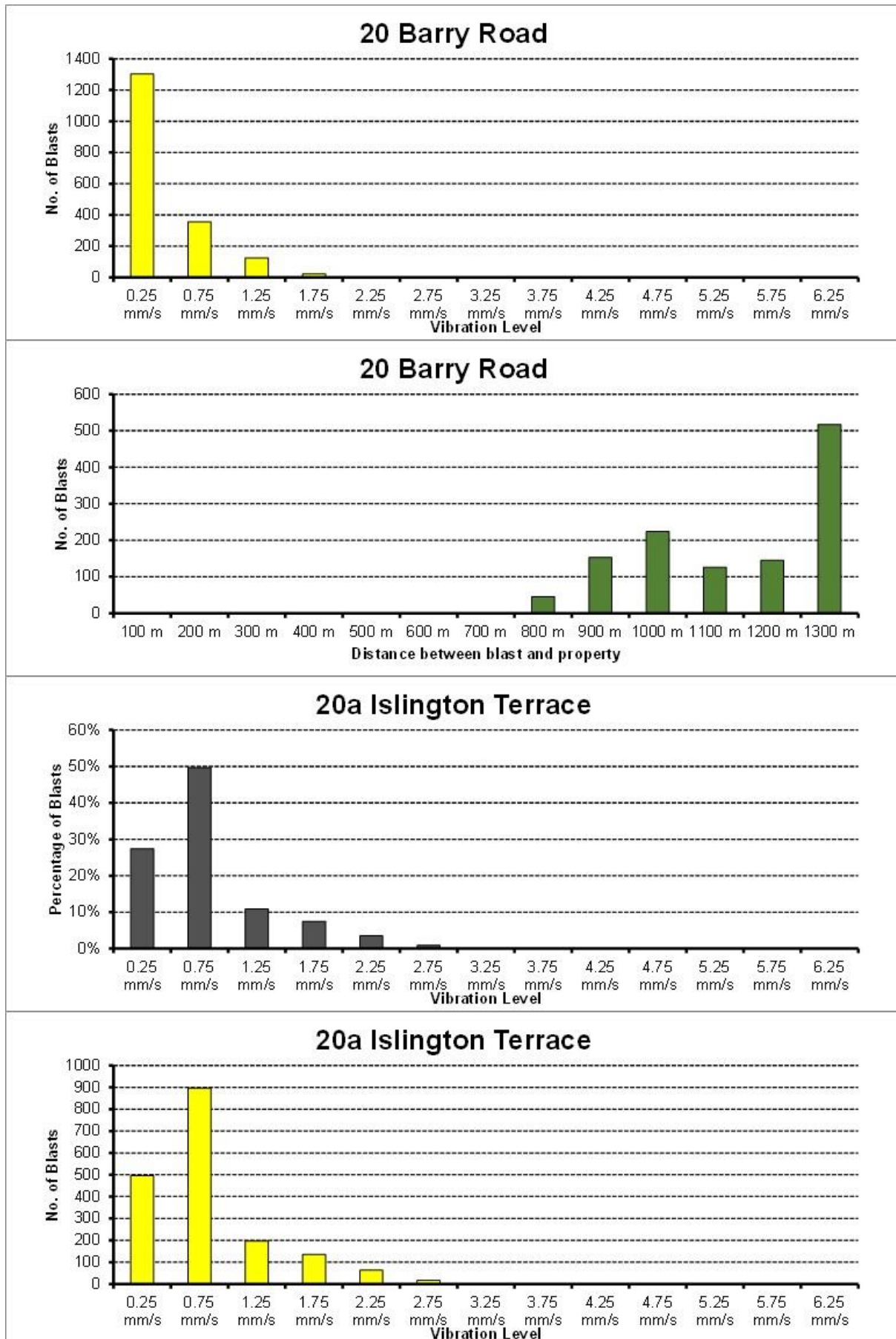
## 2 Boundary Road

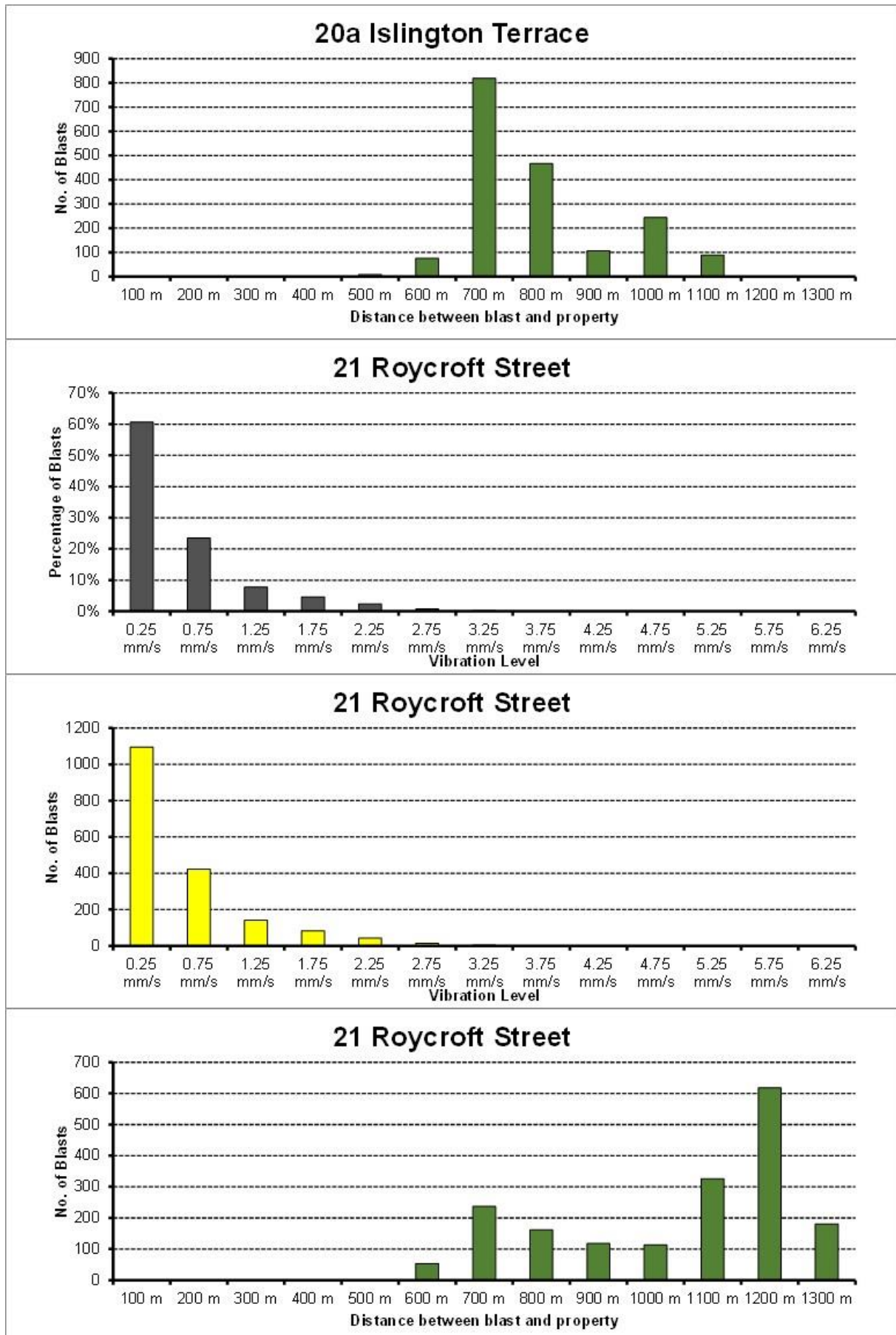


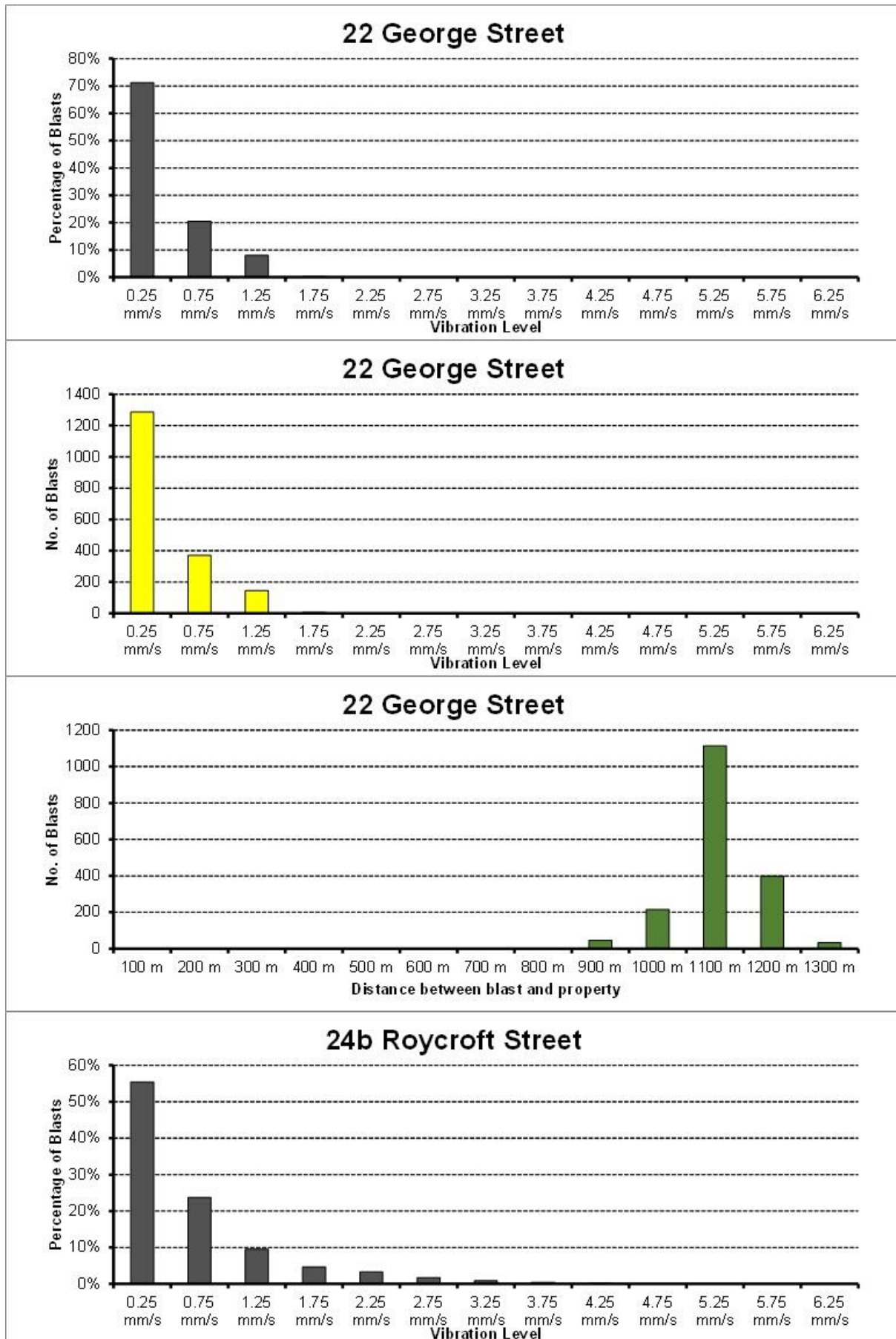
## 20 Barry Road



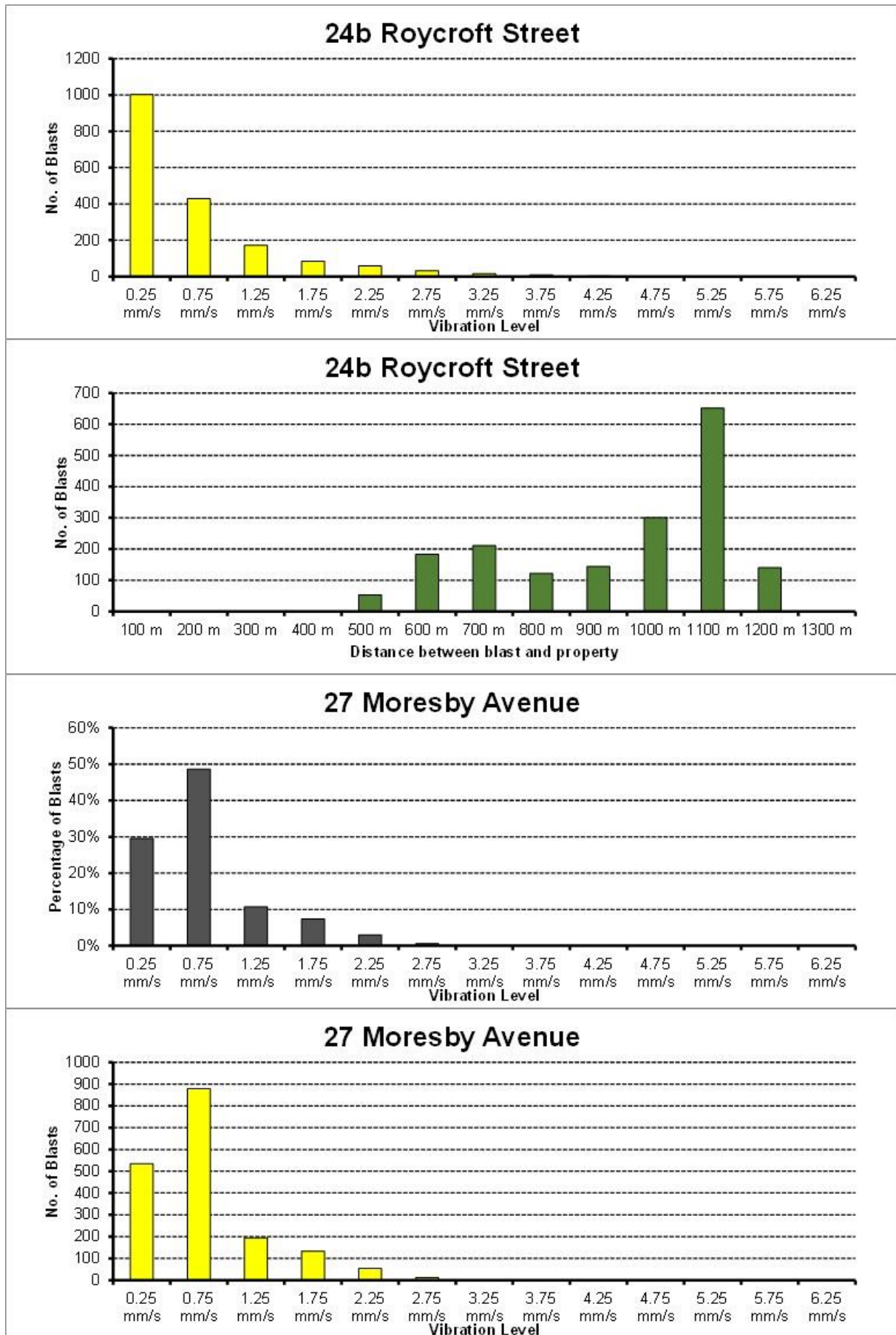


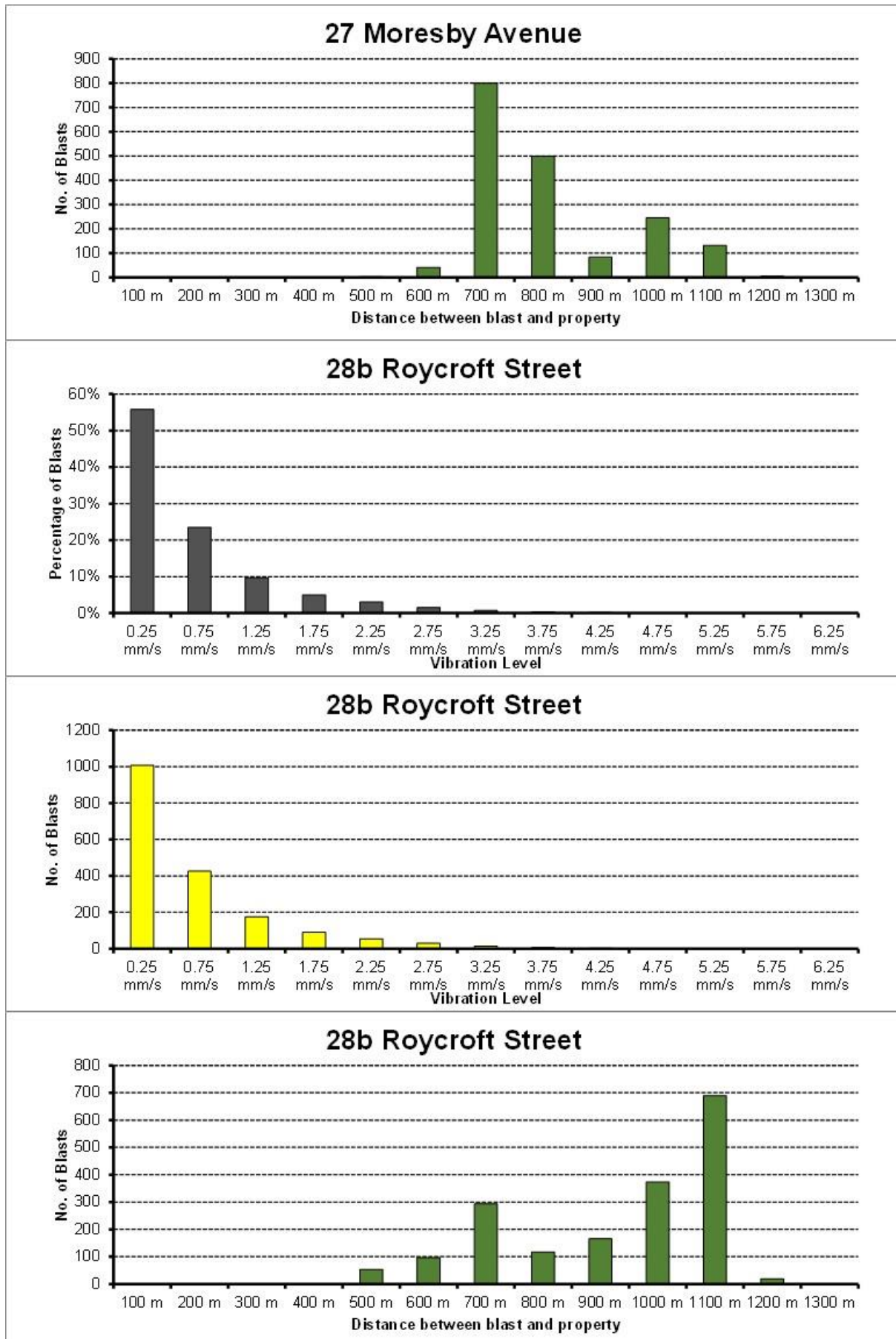


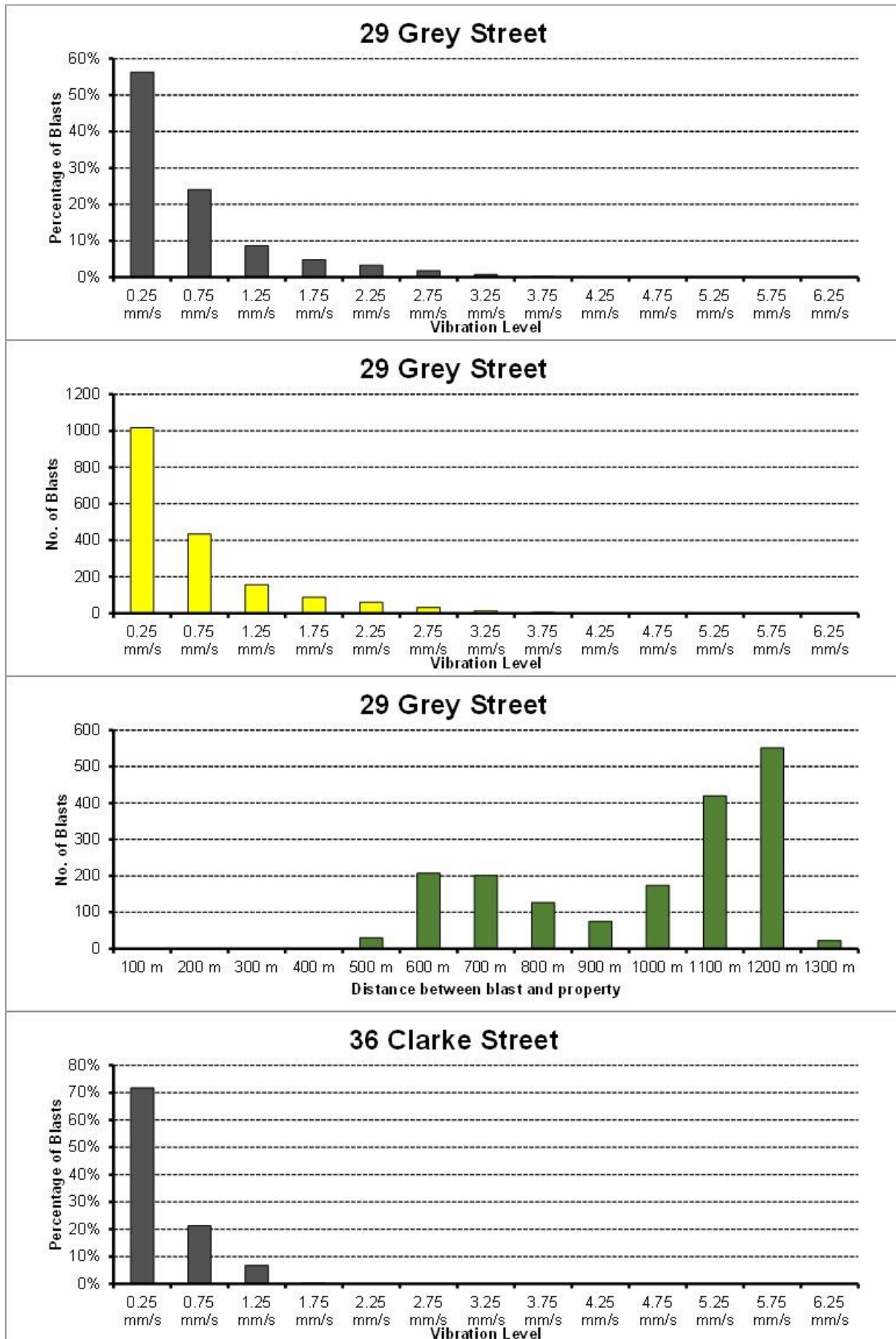






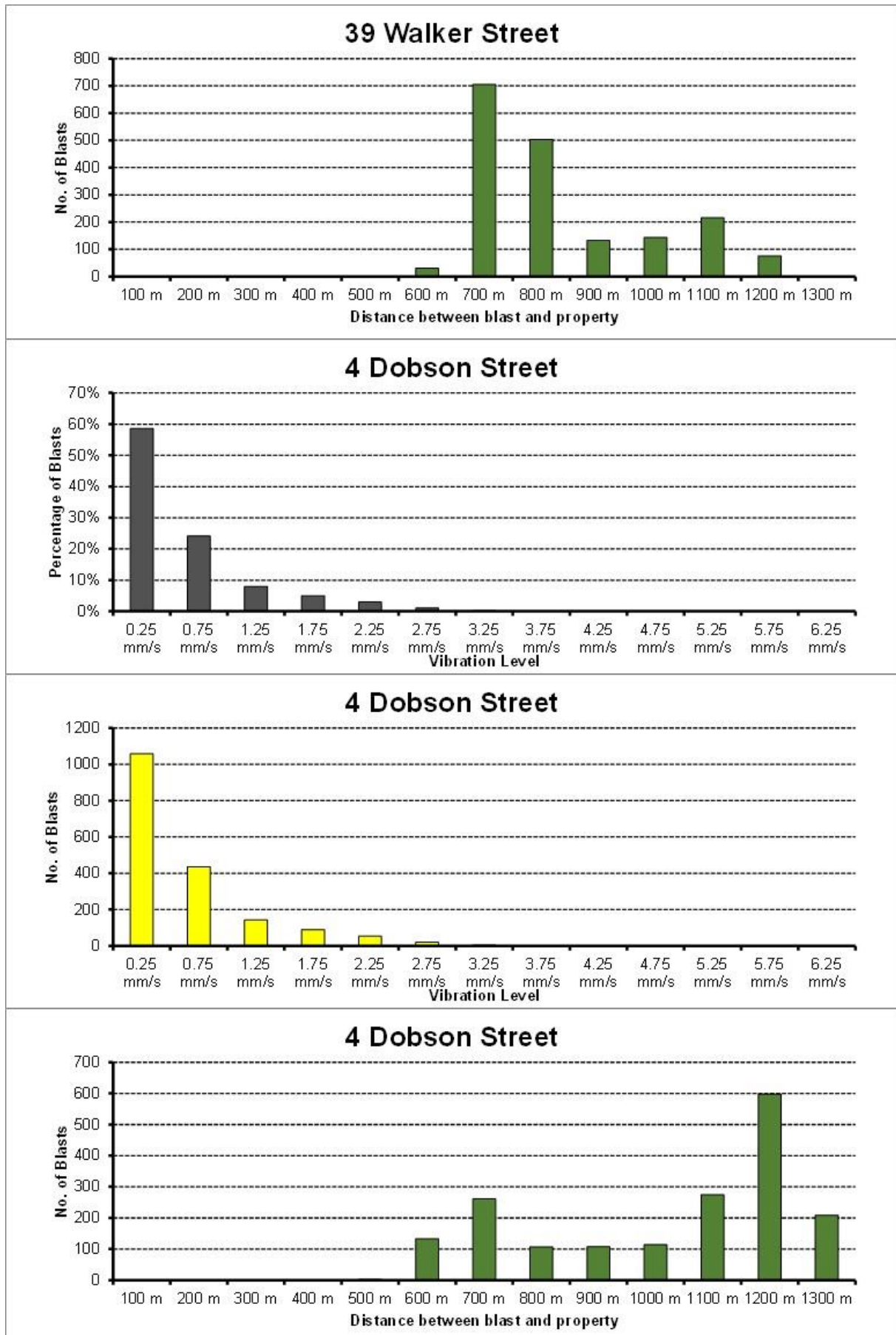


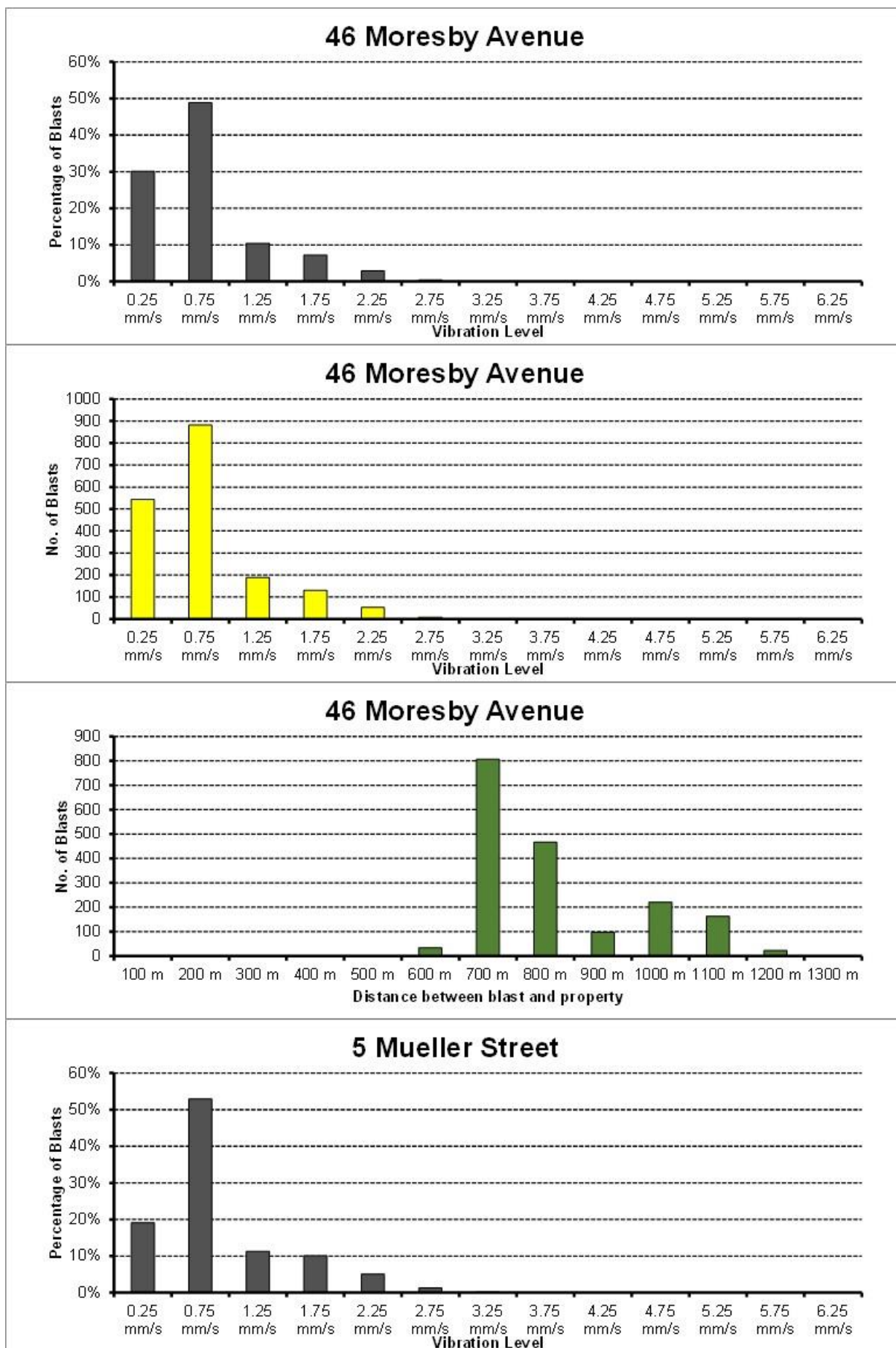




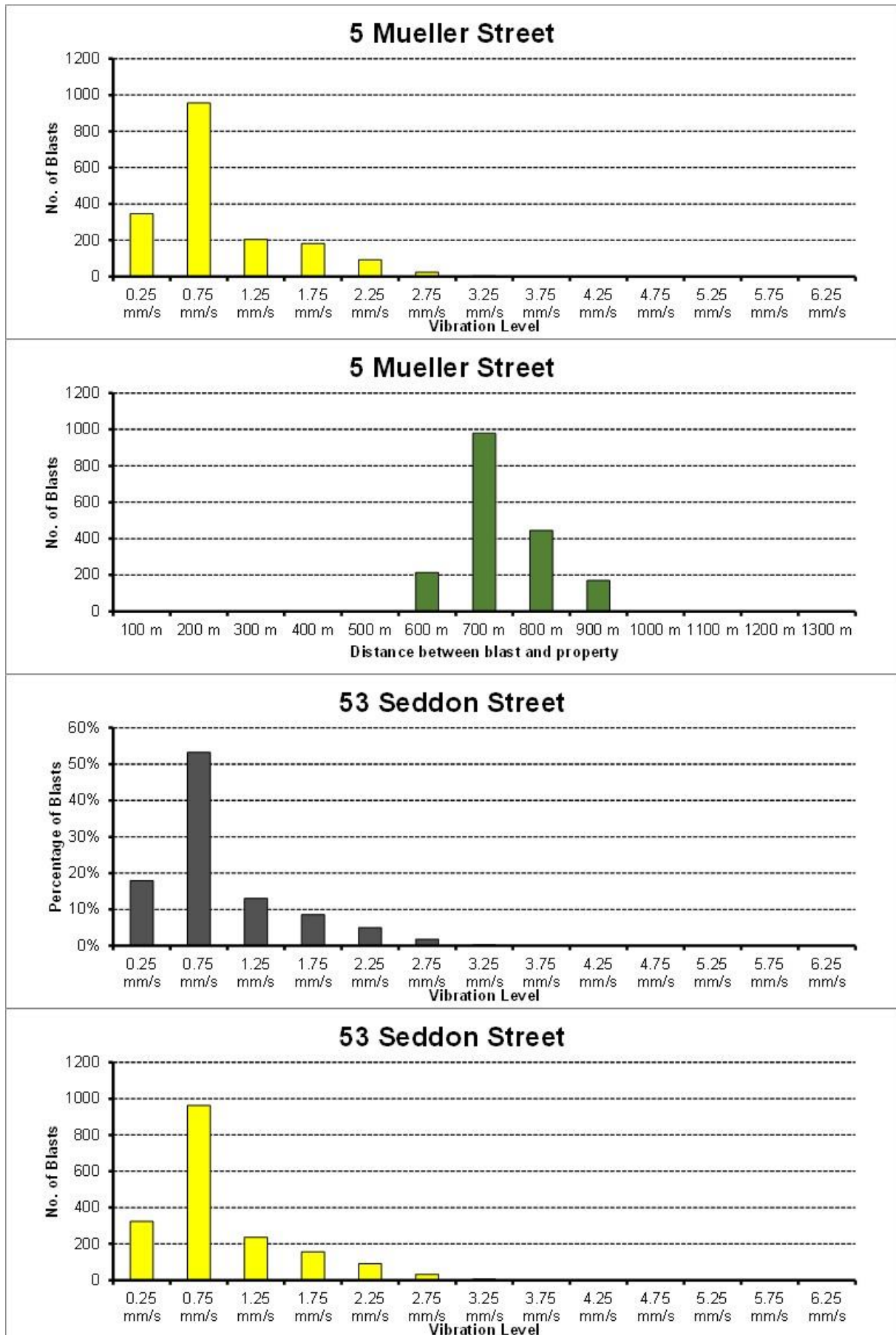


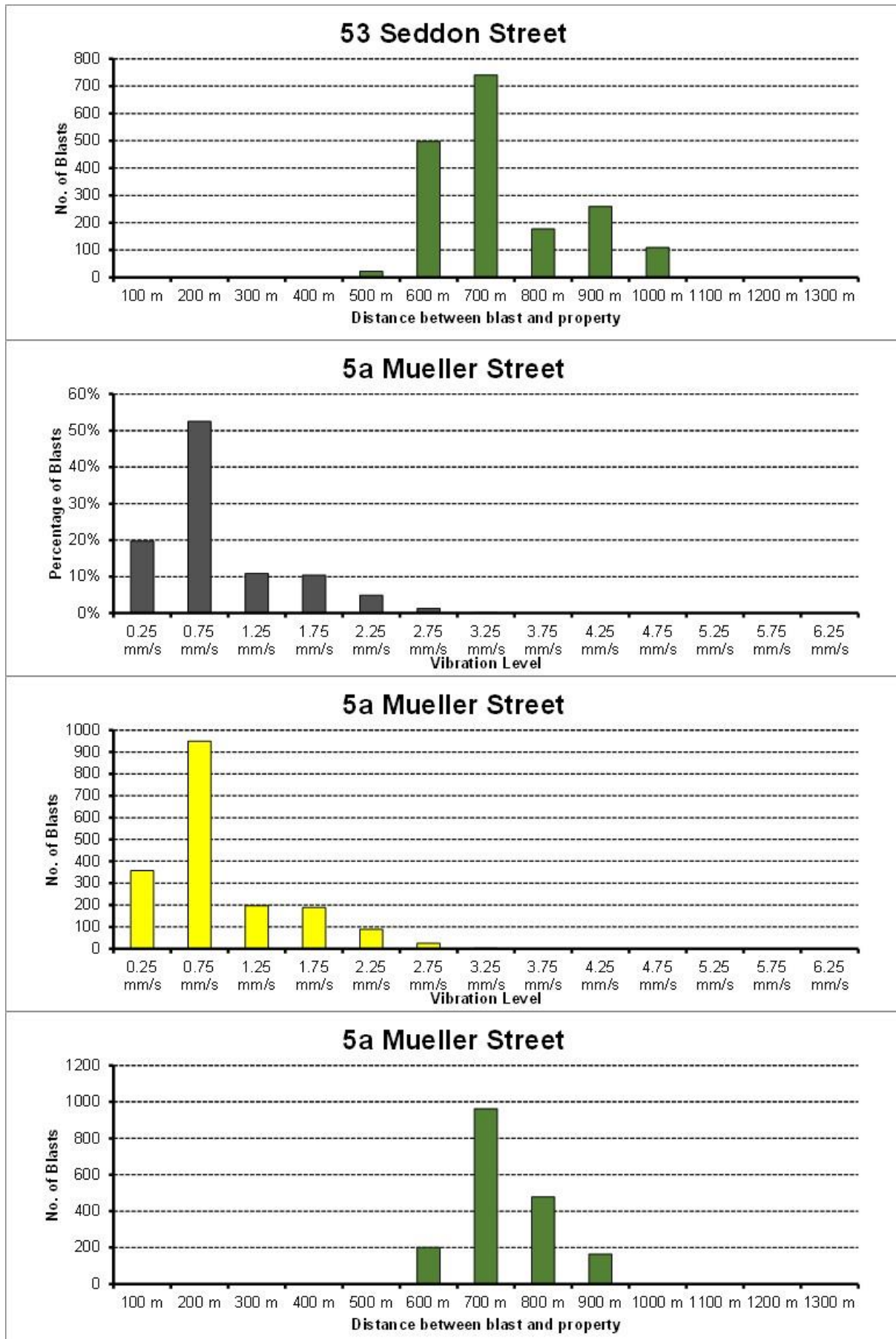


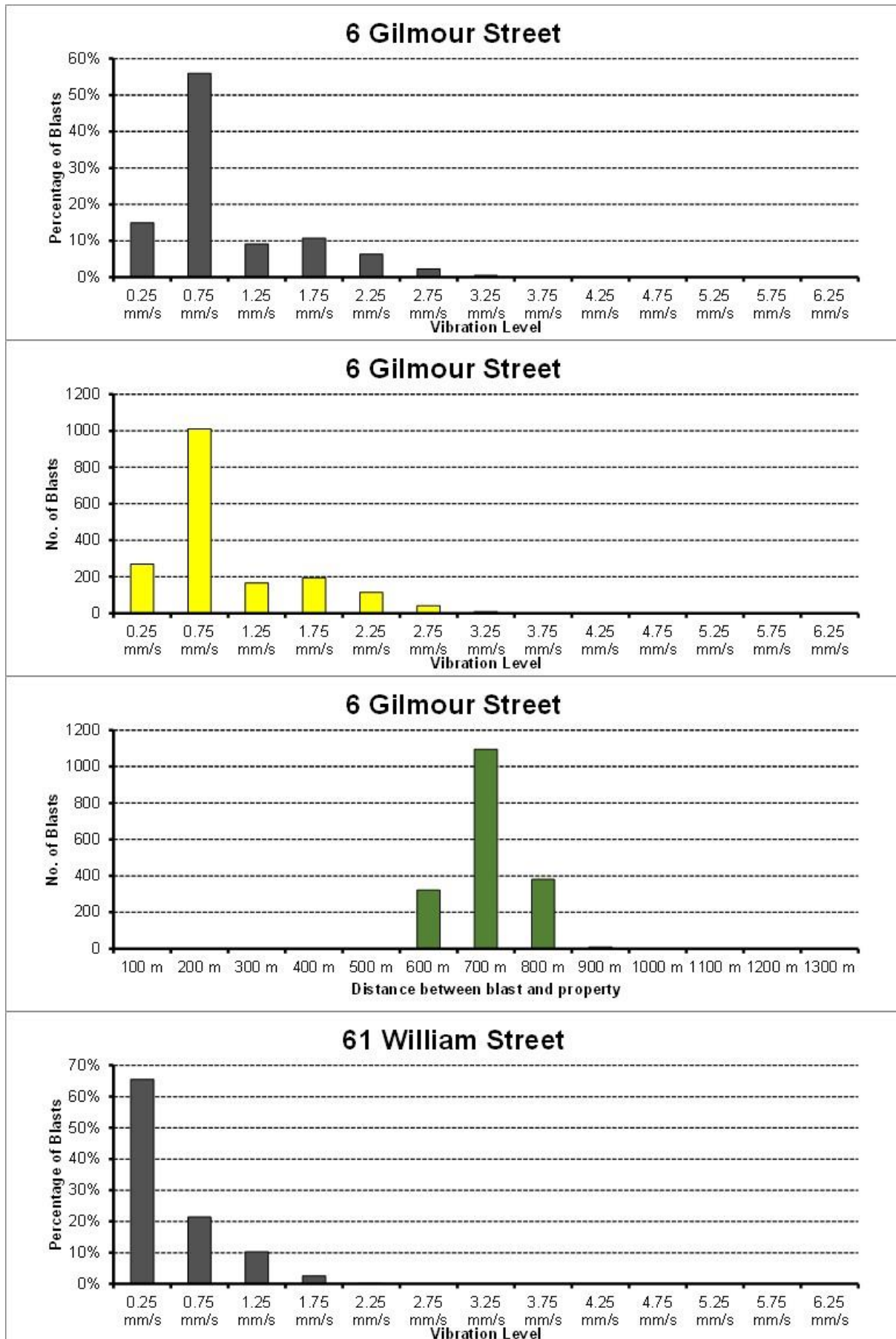




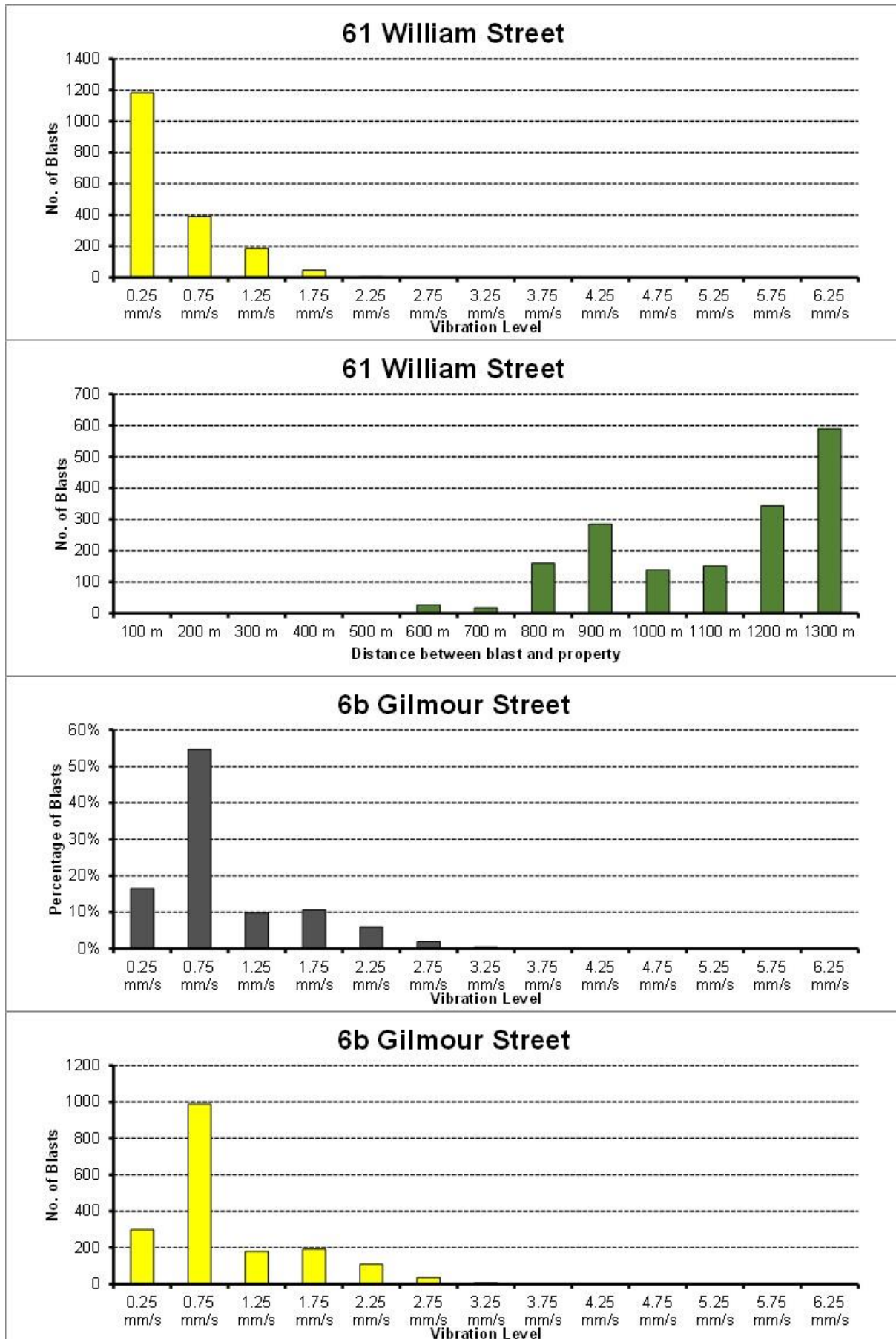


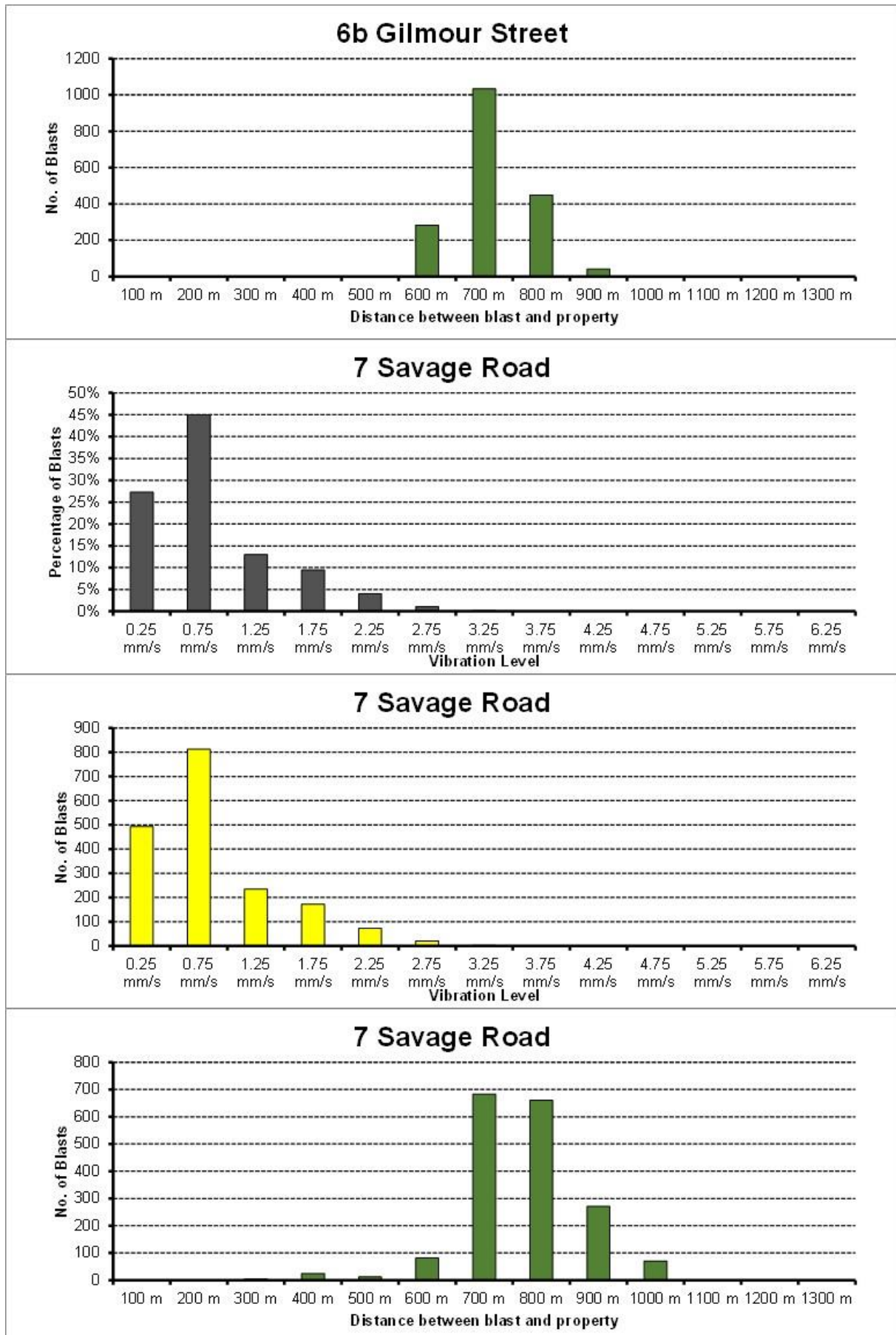




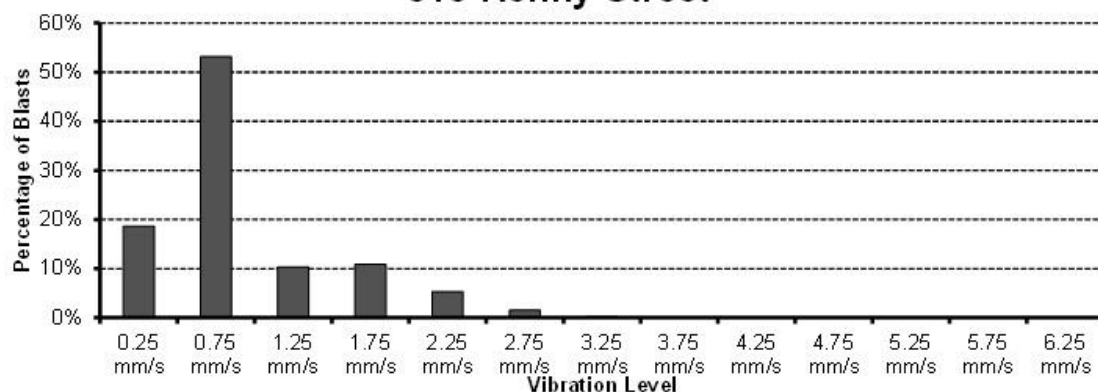




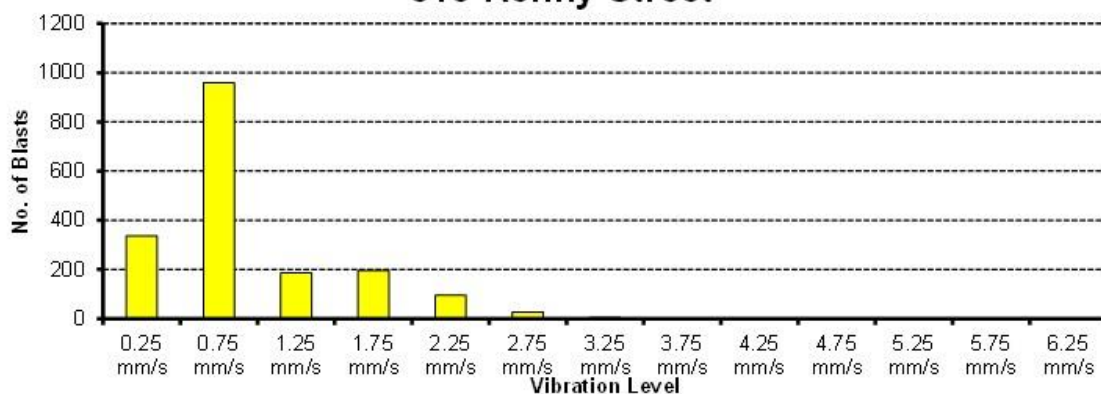




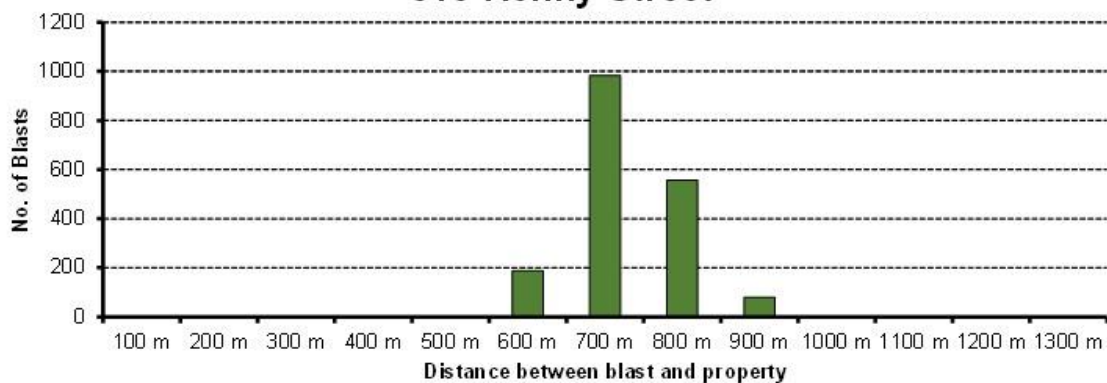
### 81c Kenny Street



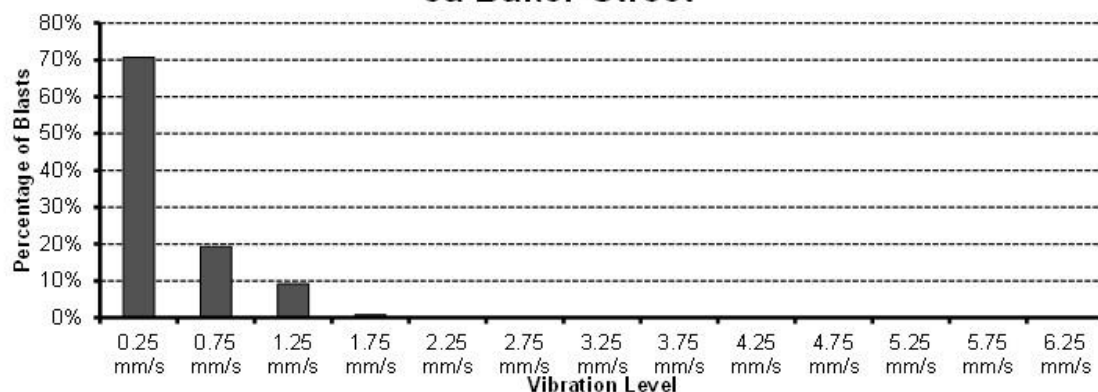
### 81c Kenny Street



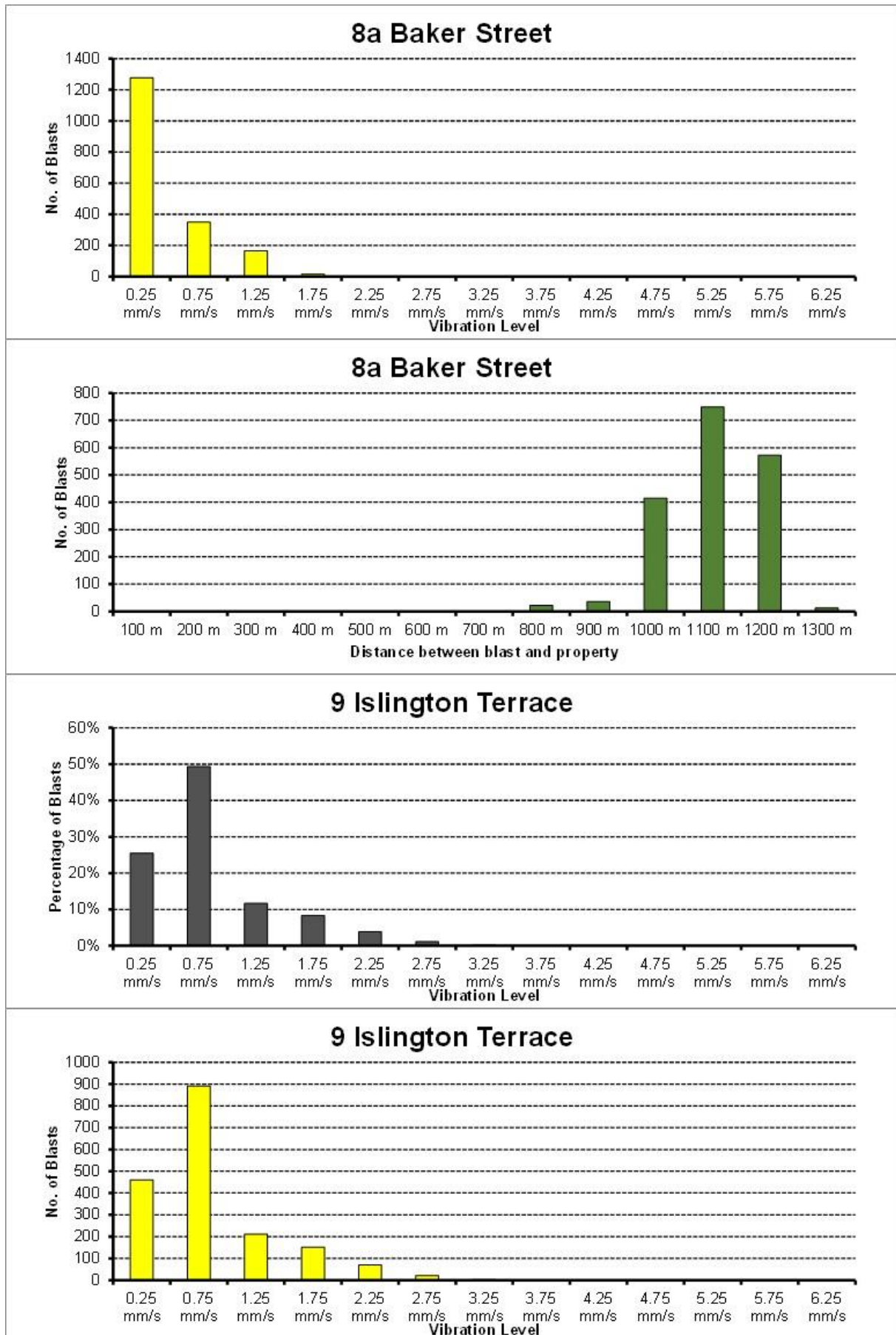
### 81c Kenny Street

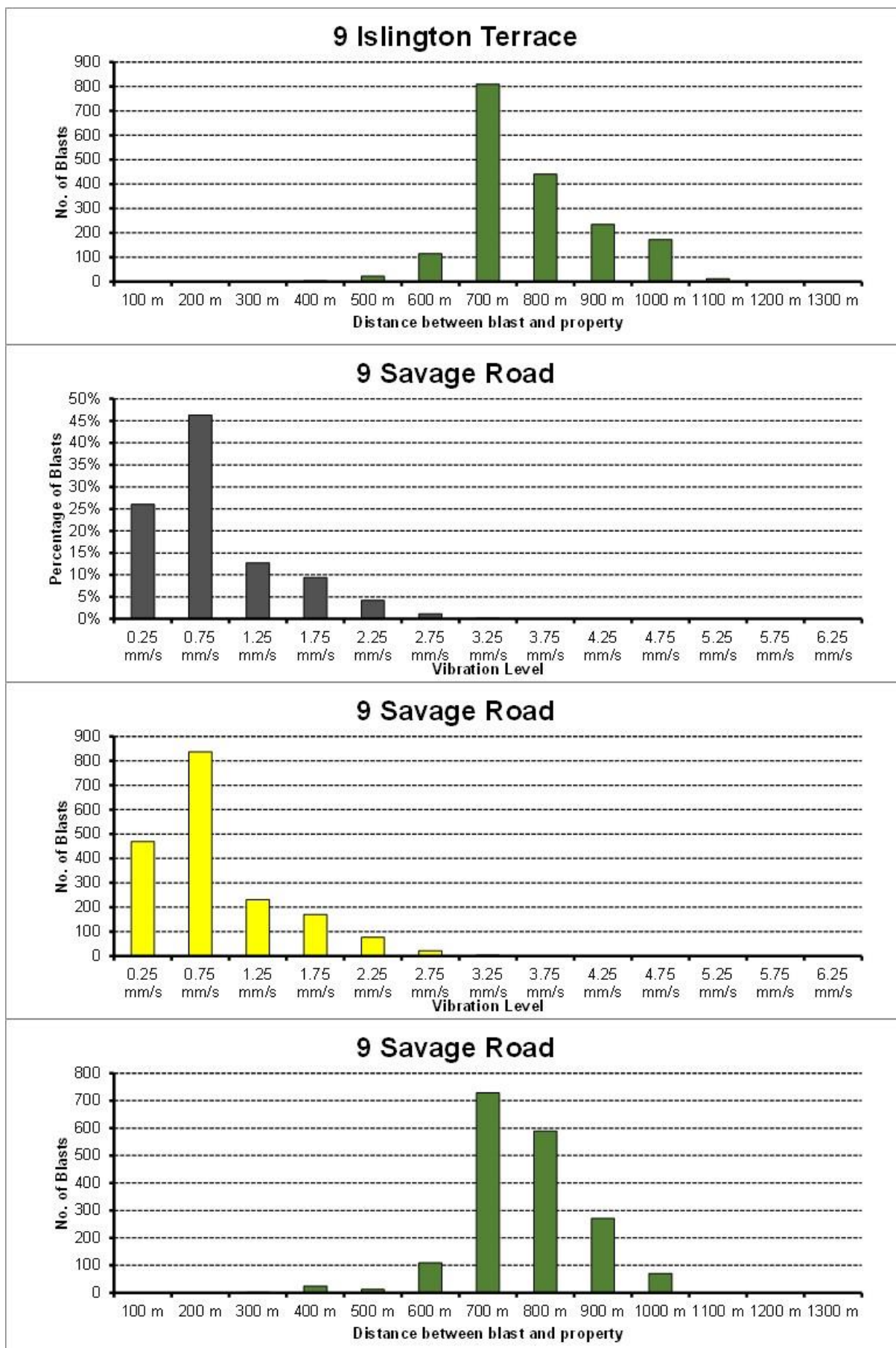


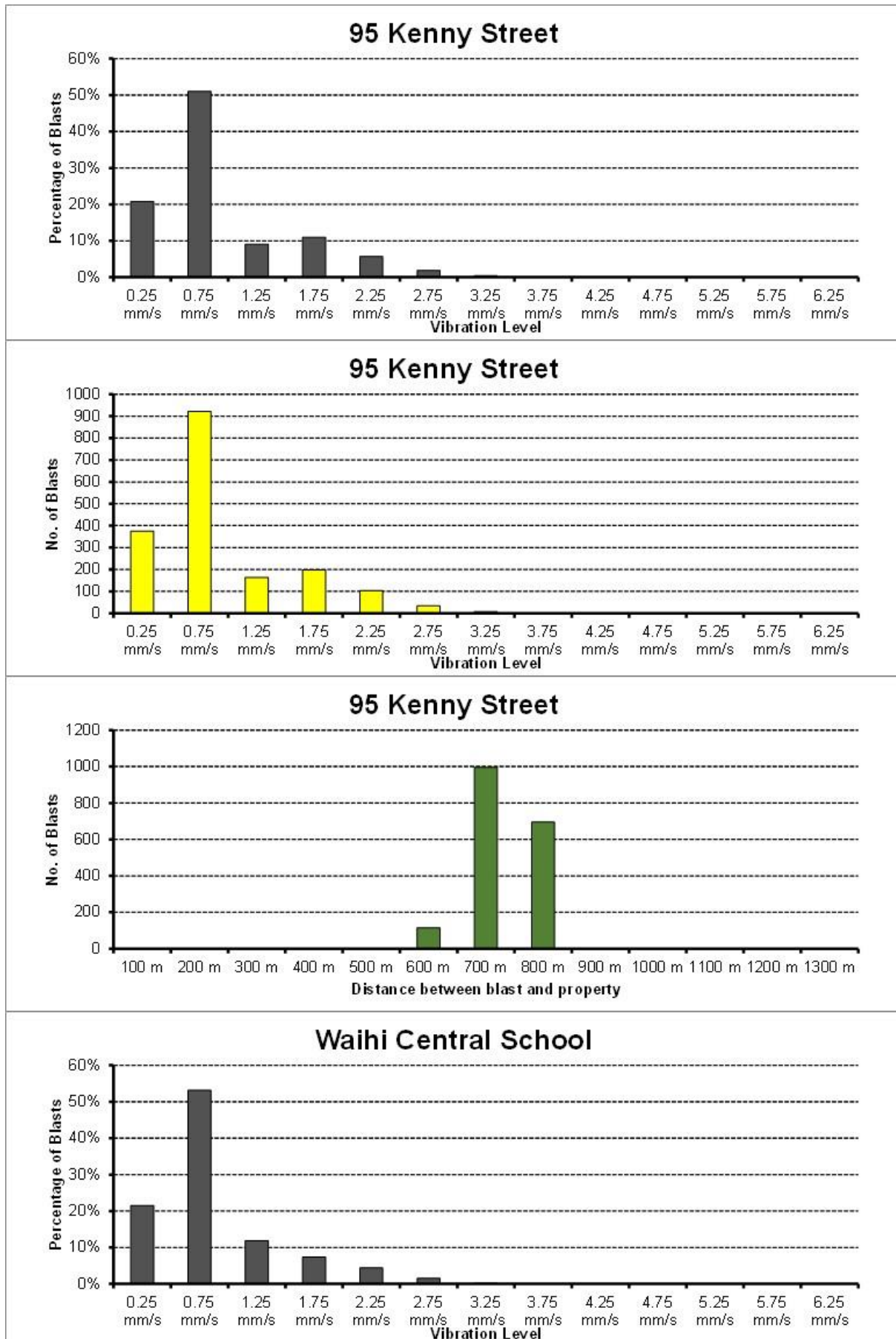
### 8a Baker Street



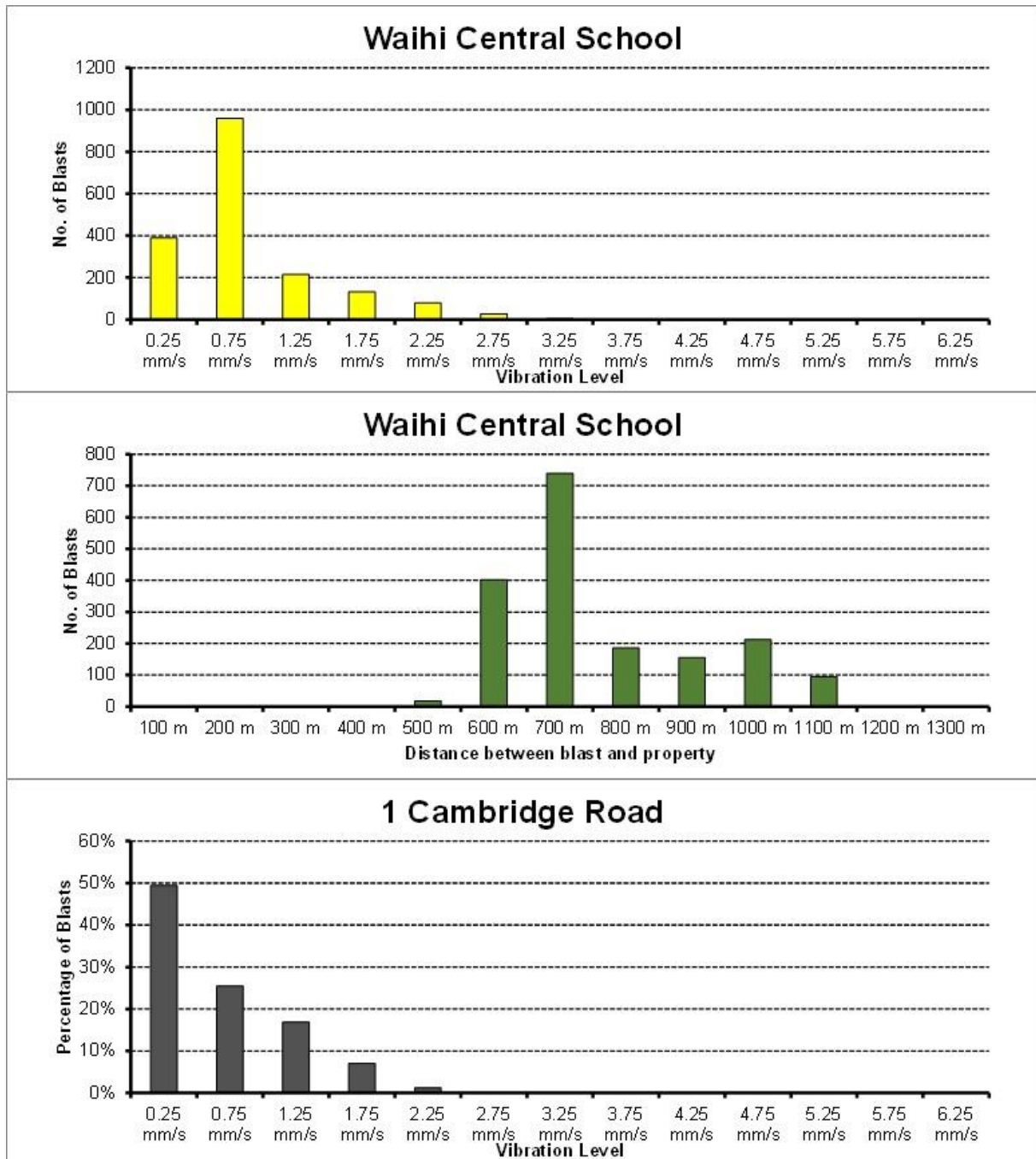


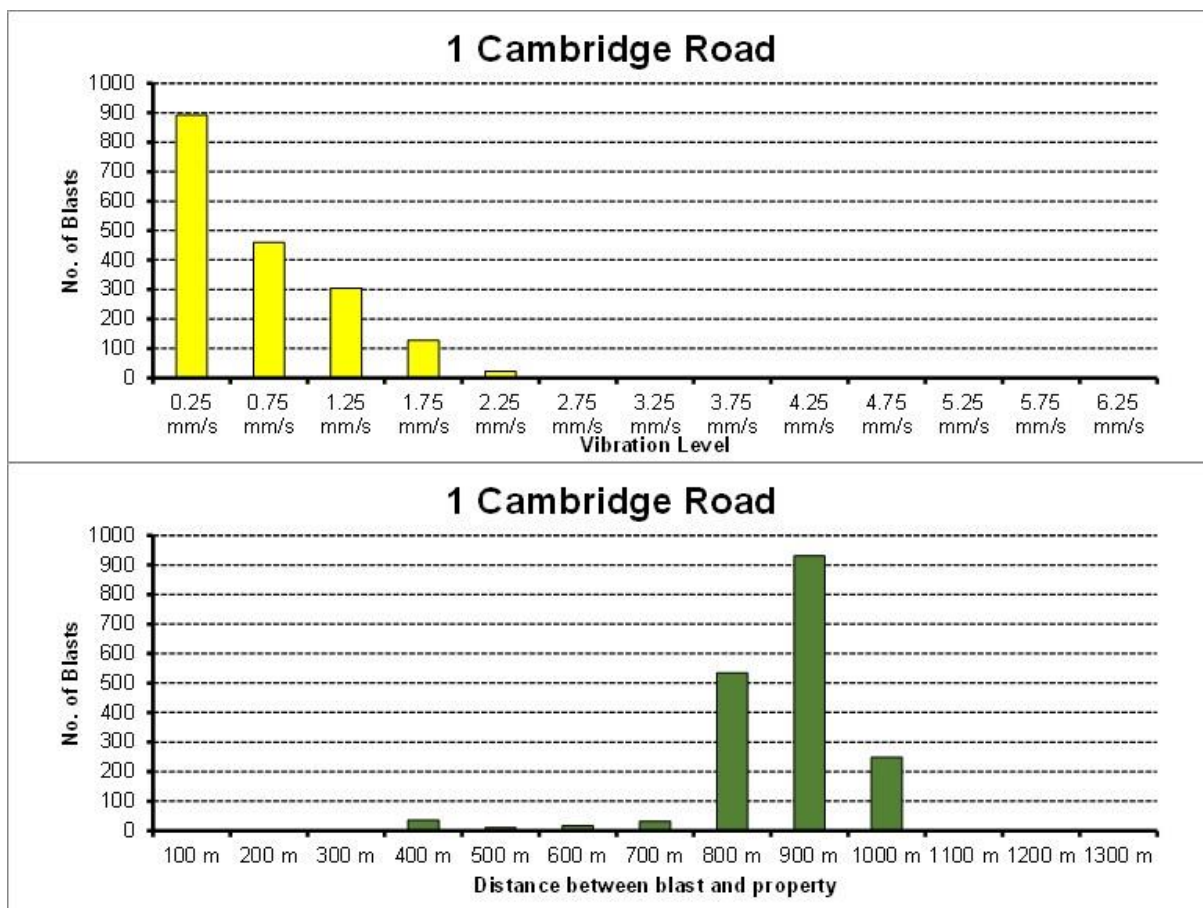




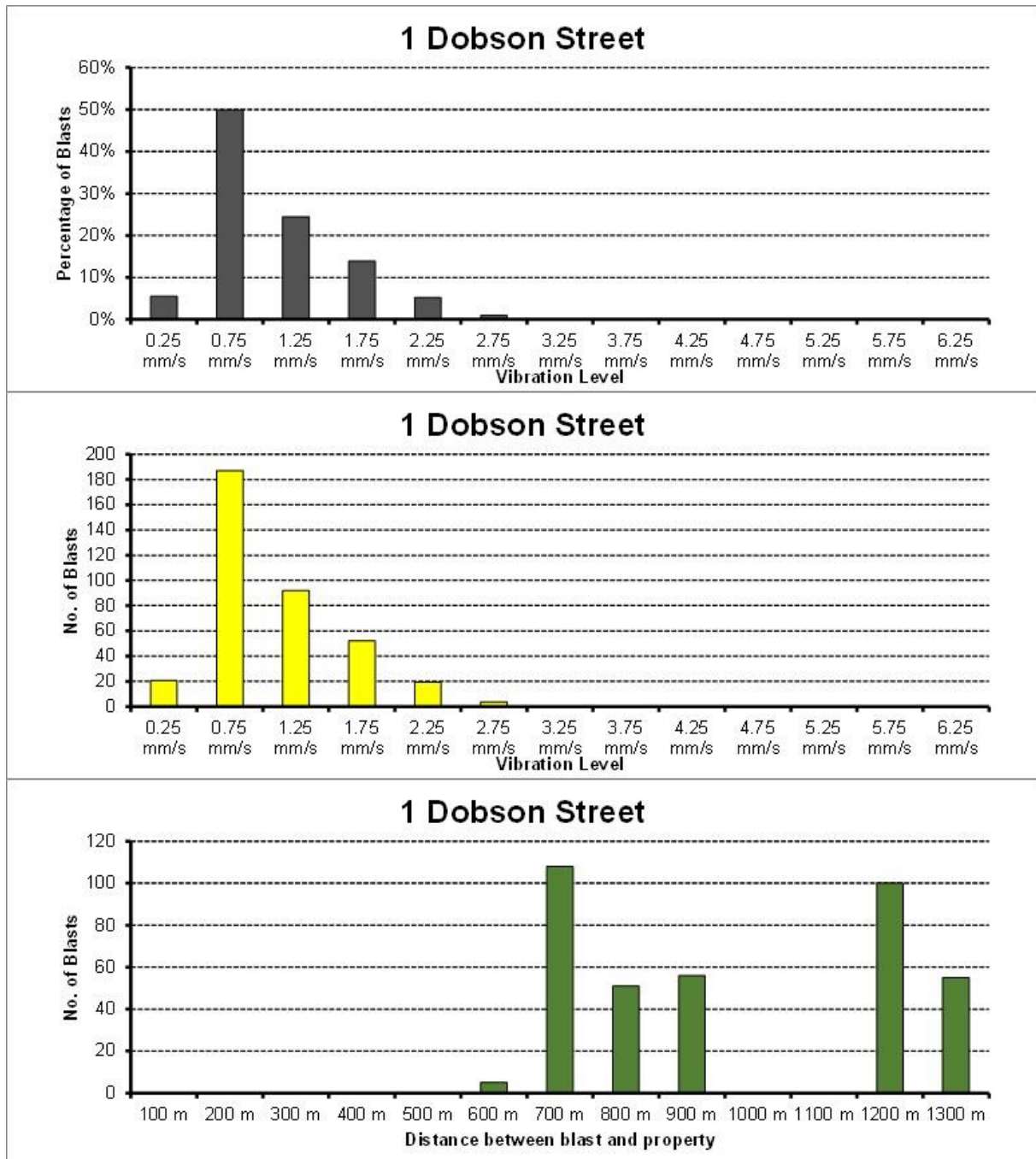




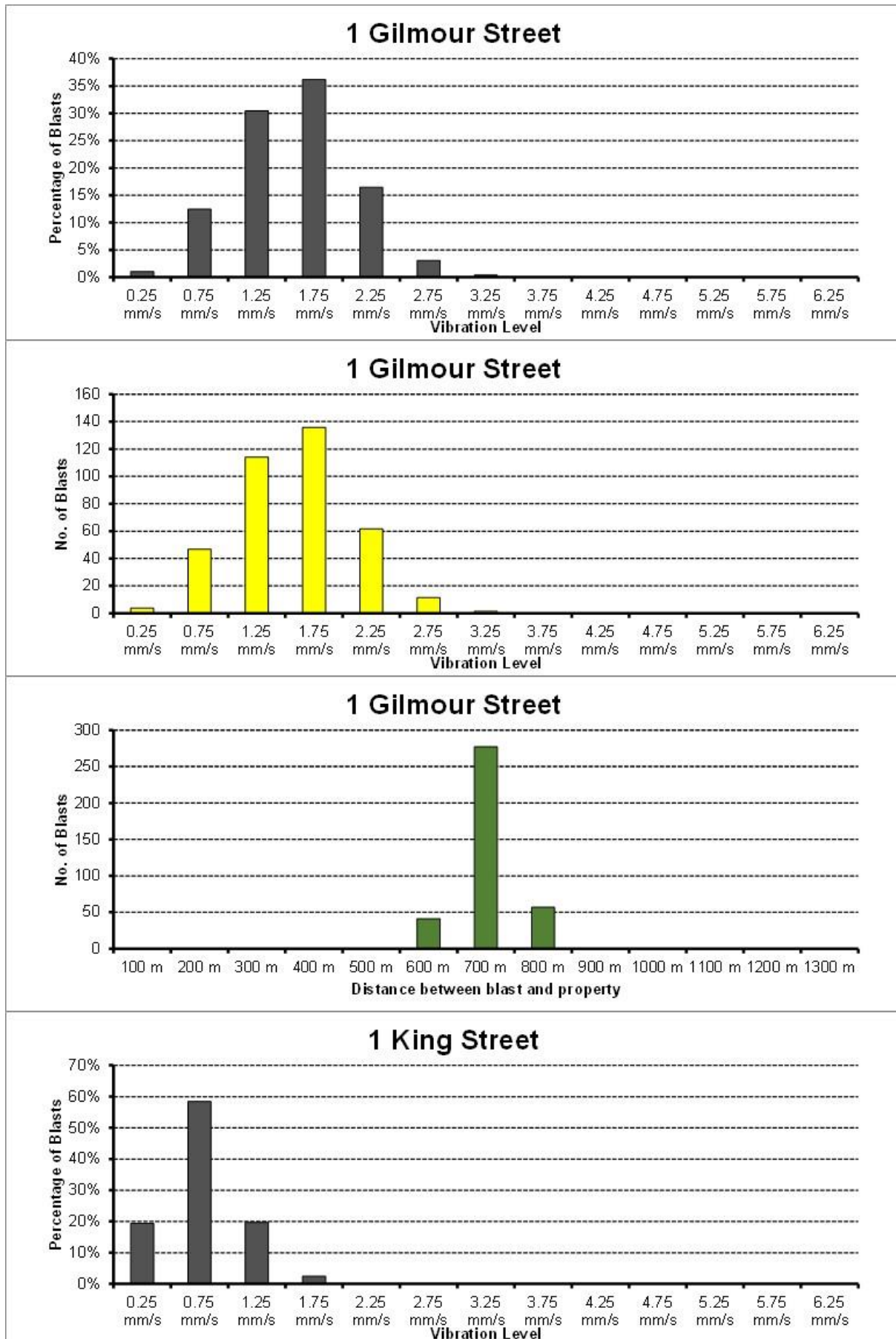


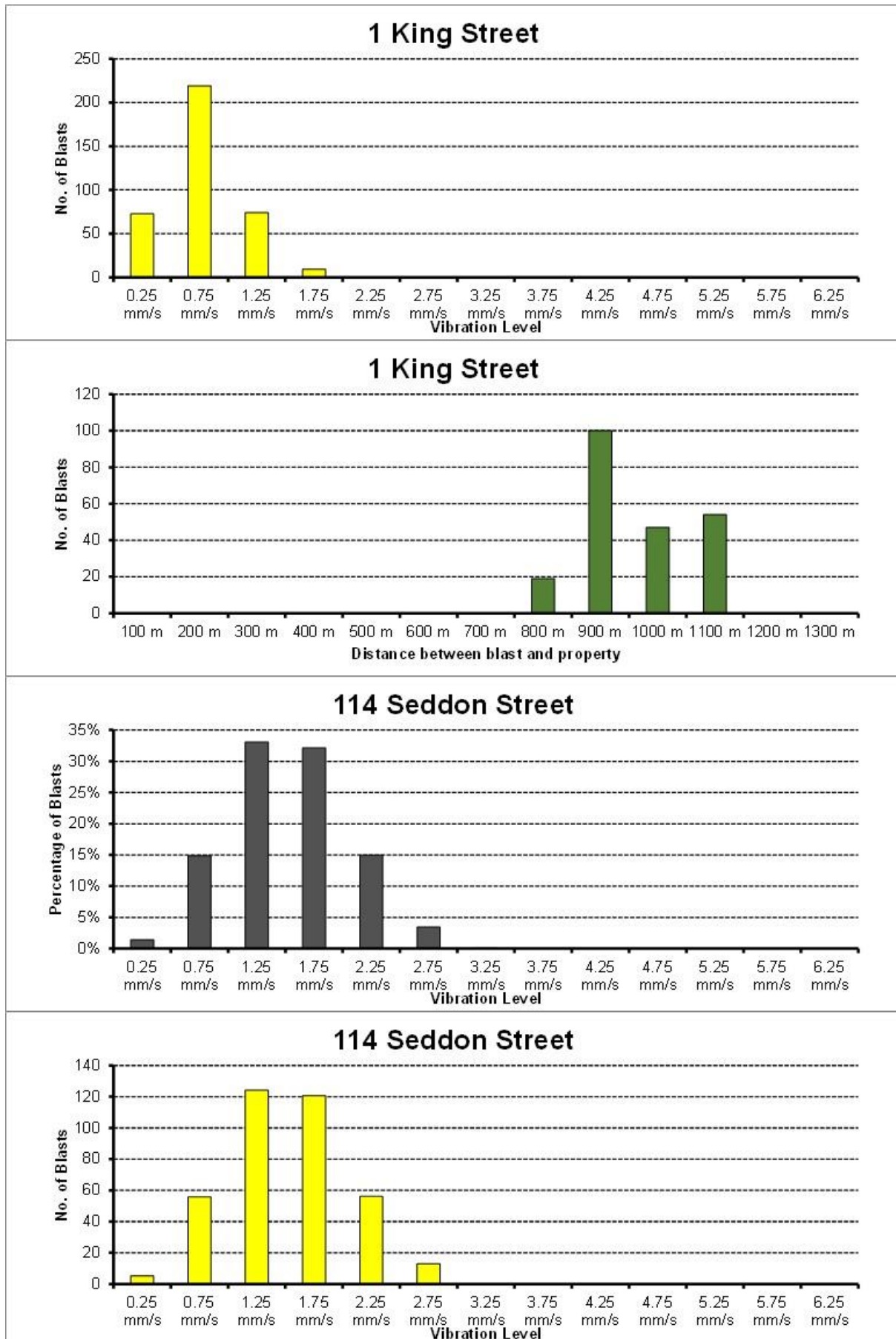


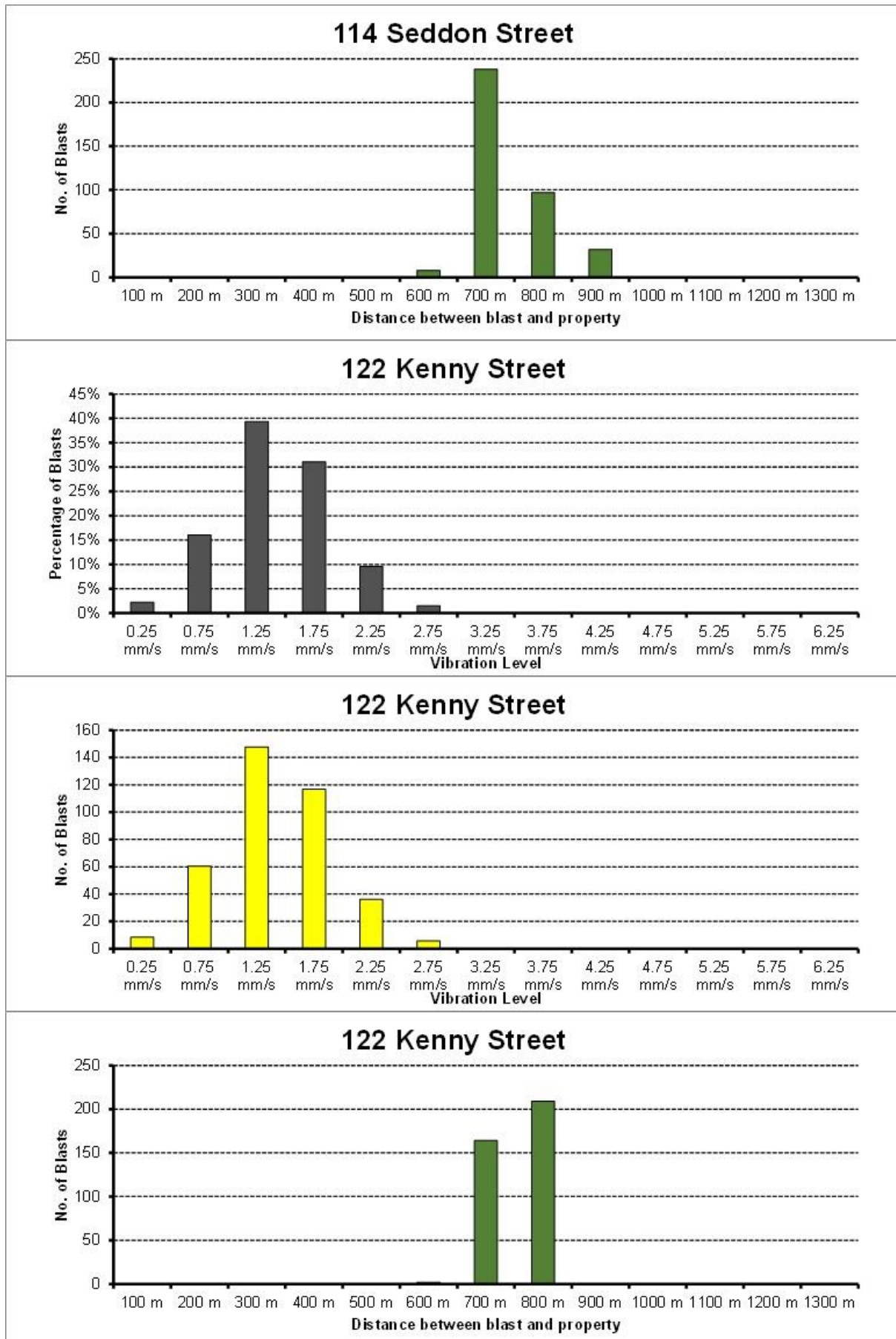
## 8. MARTHA PROJECT 2027



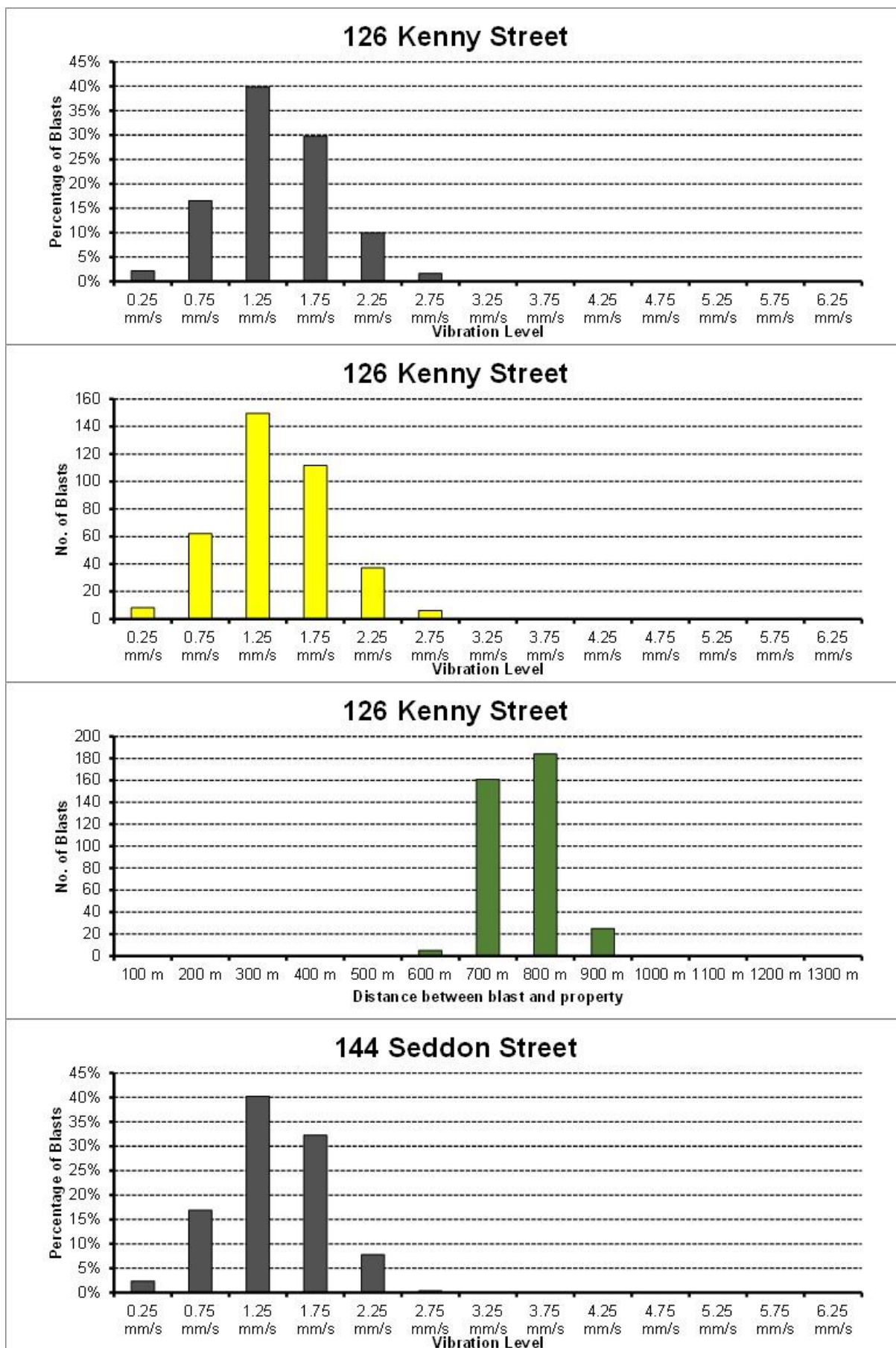




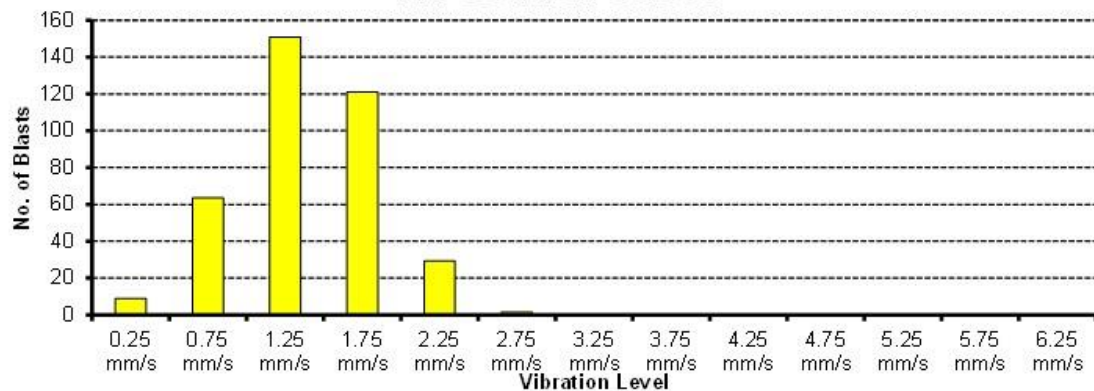




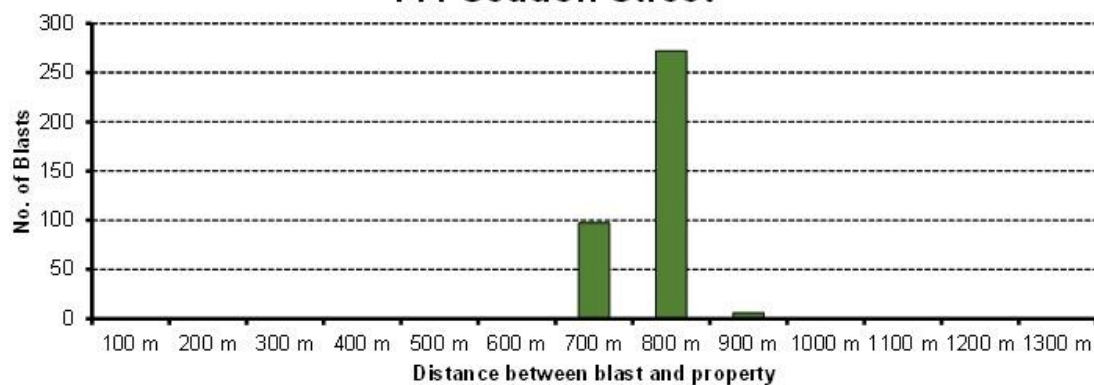




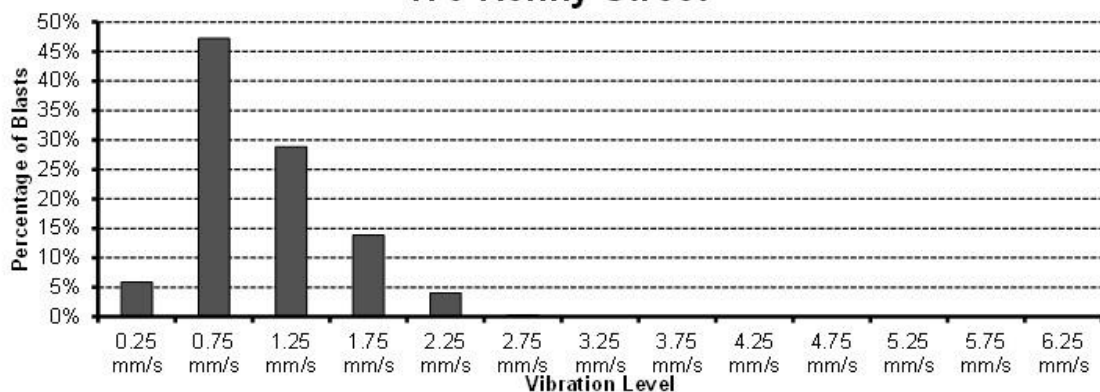
### 144 Seddon Street



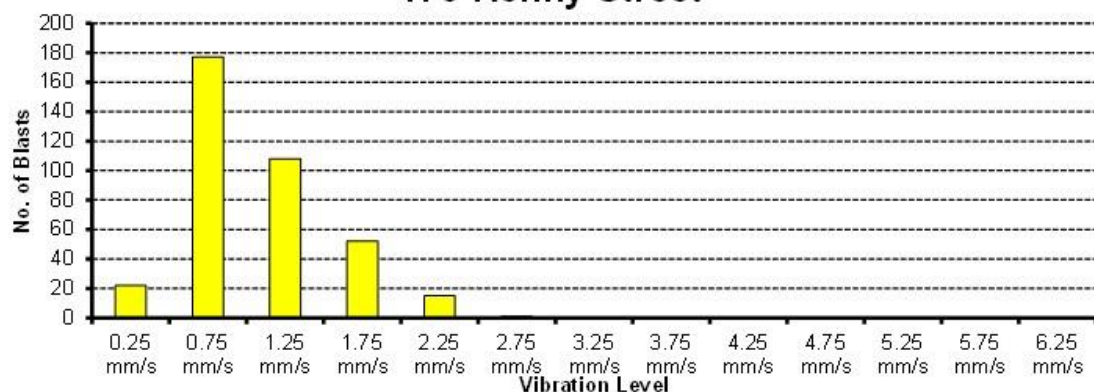
### 144 Seddon Street

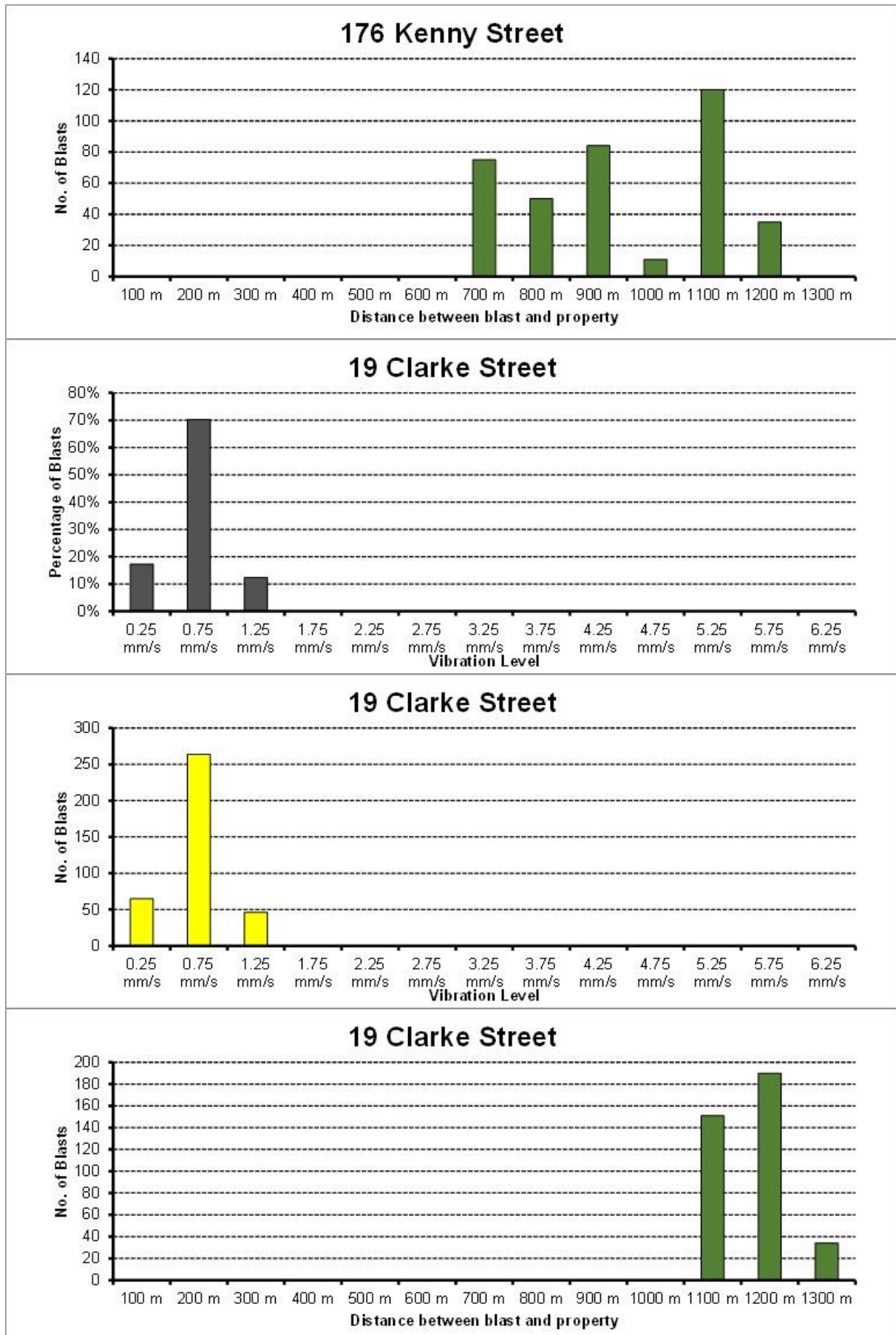


### 176 Kenny Street

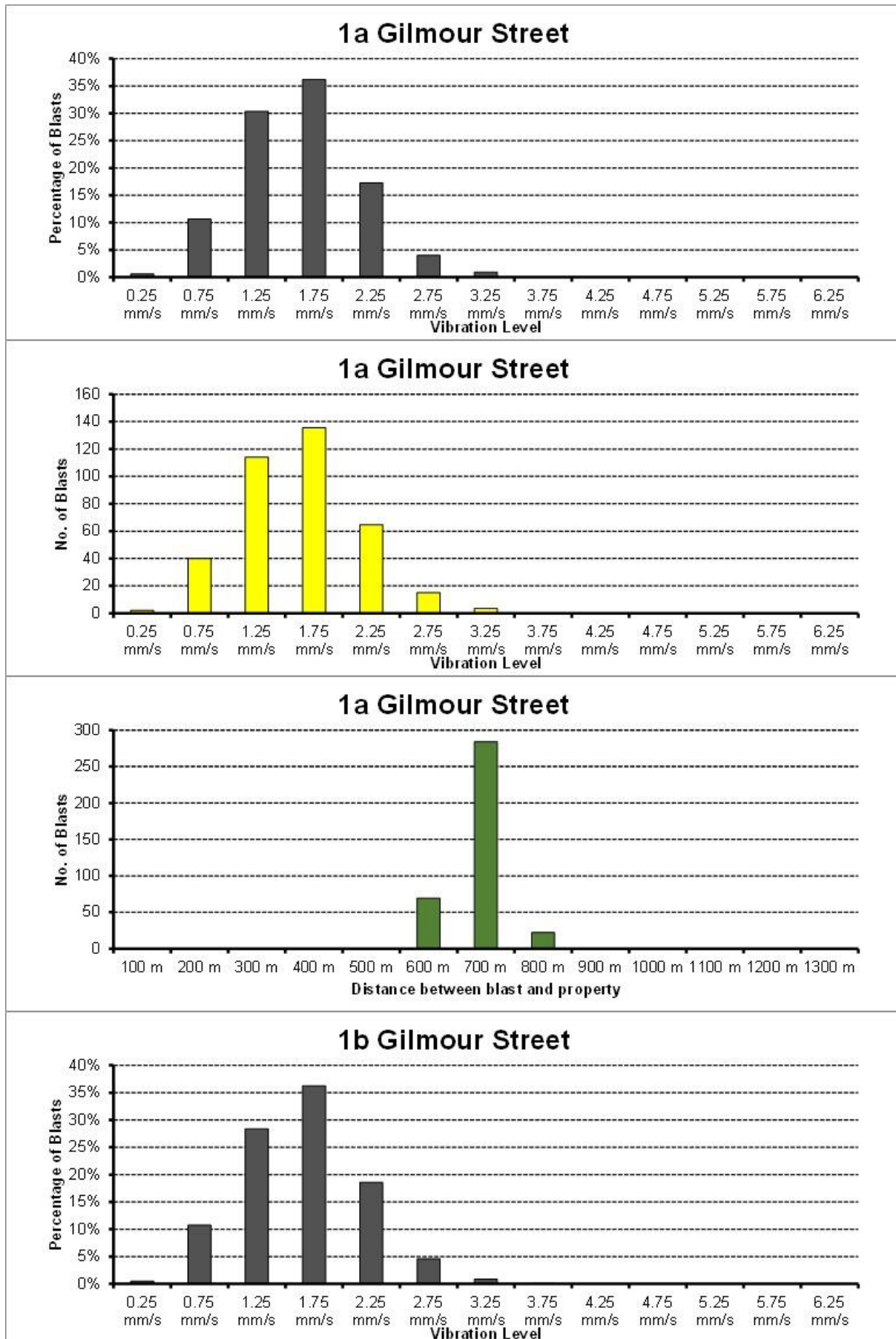


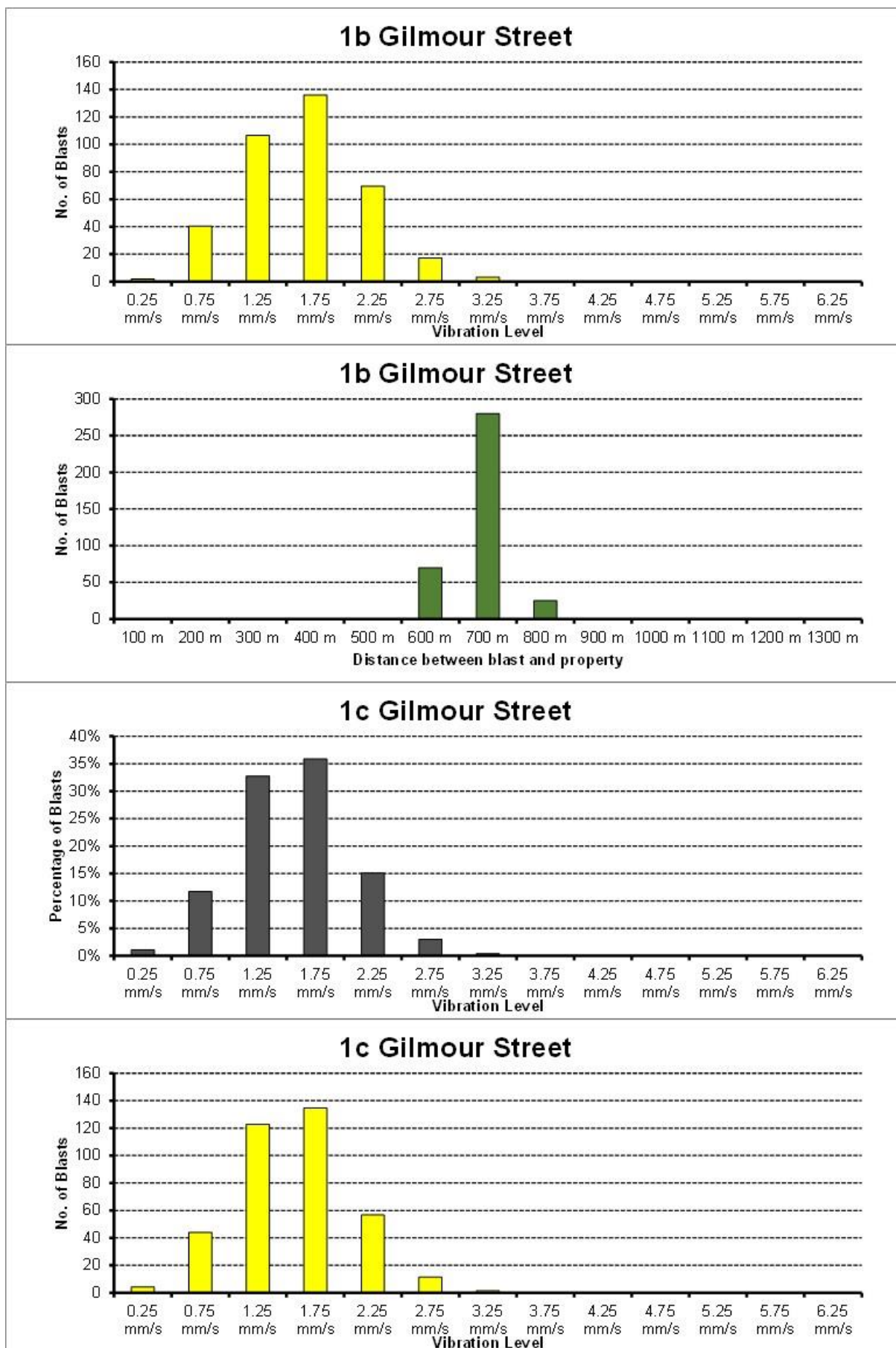
### 176 Kenny Street

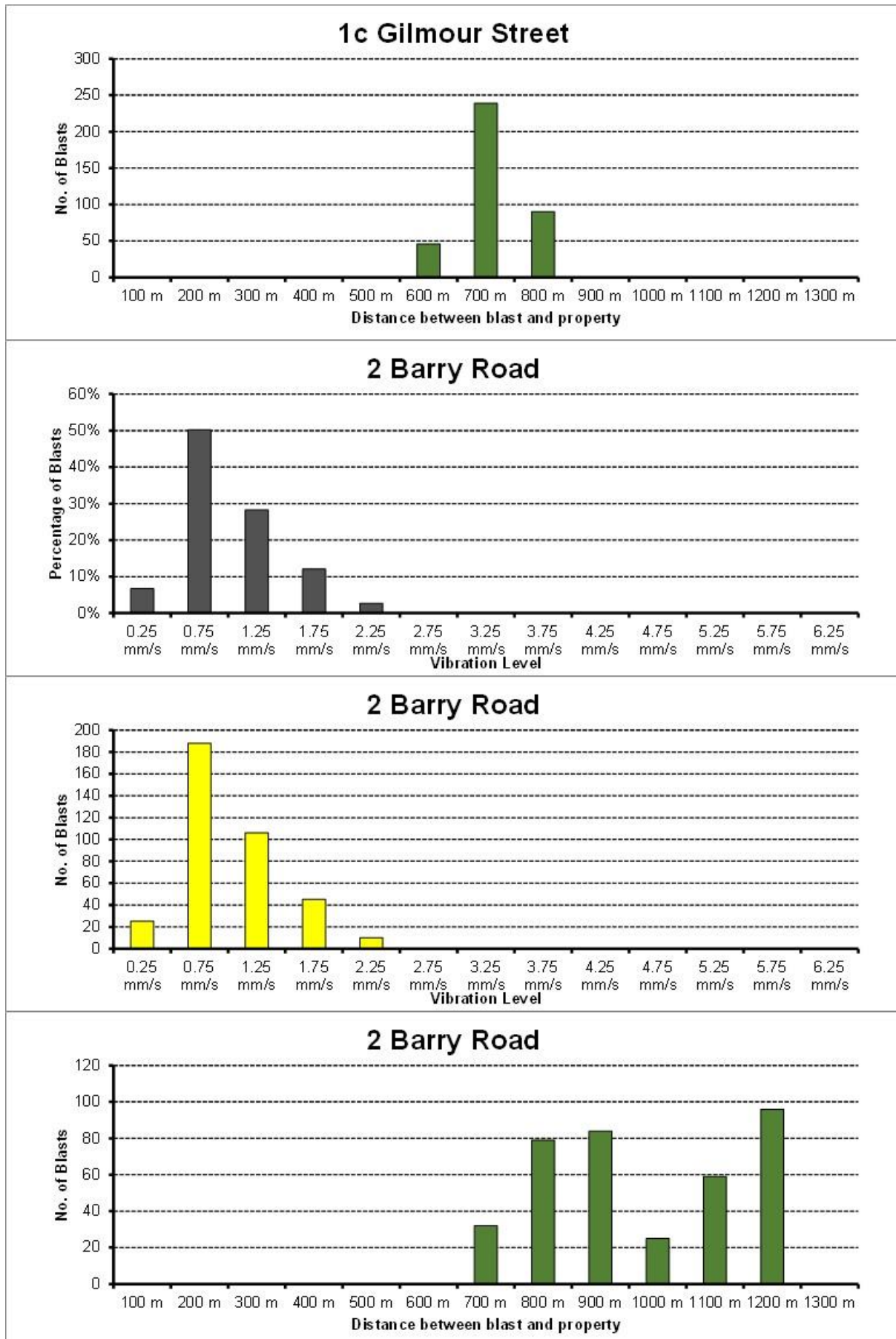






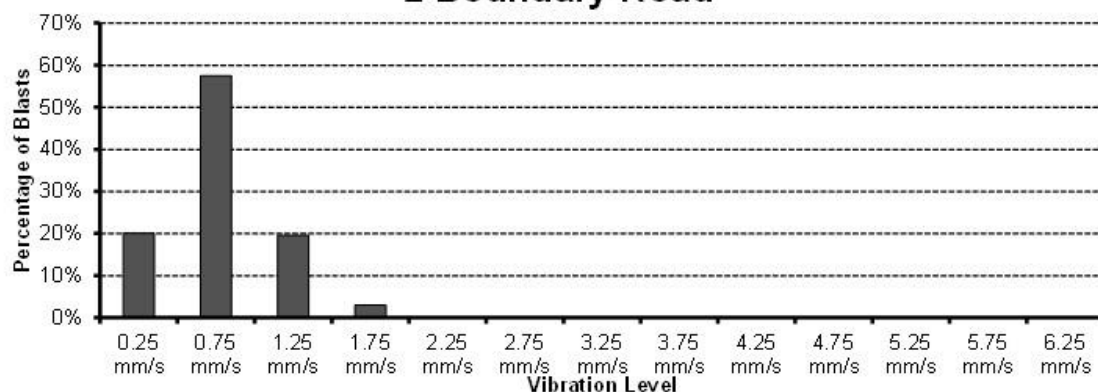




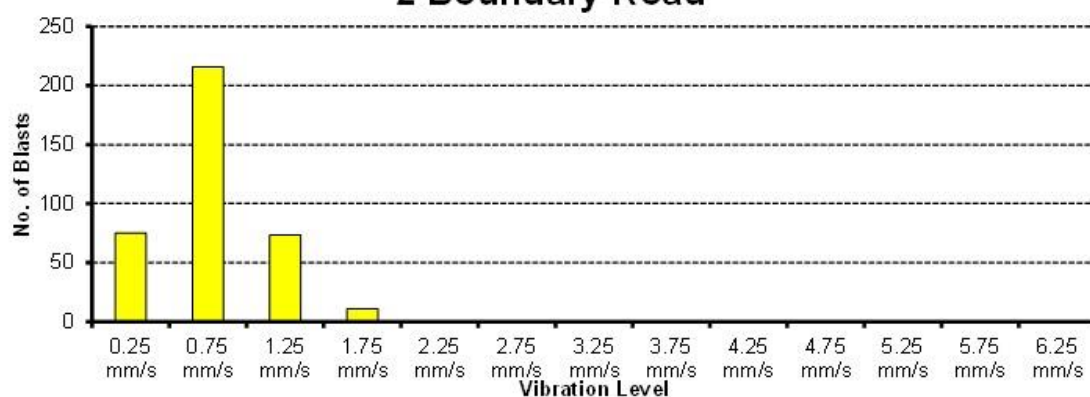




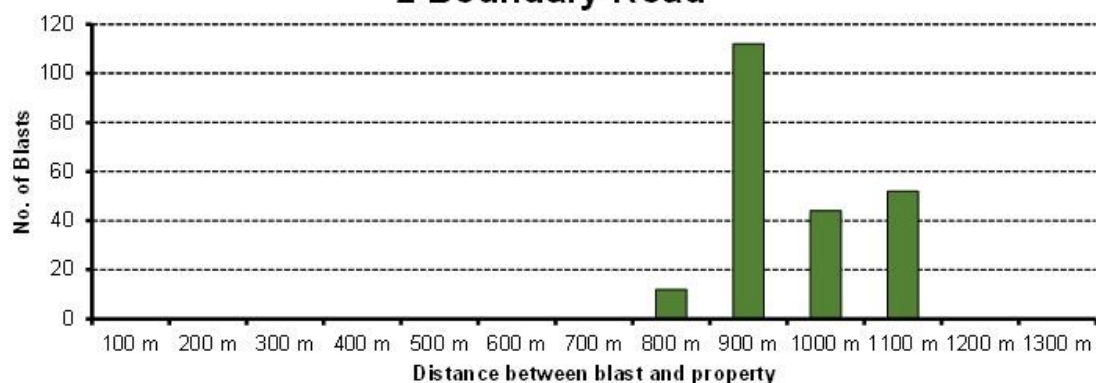
## 2 Boundary Road



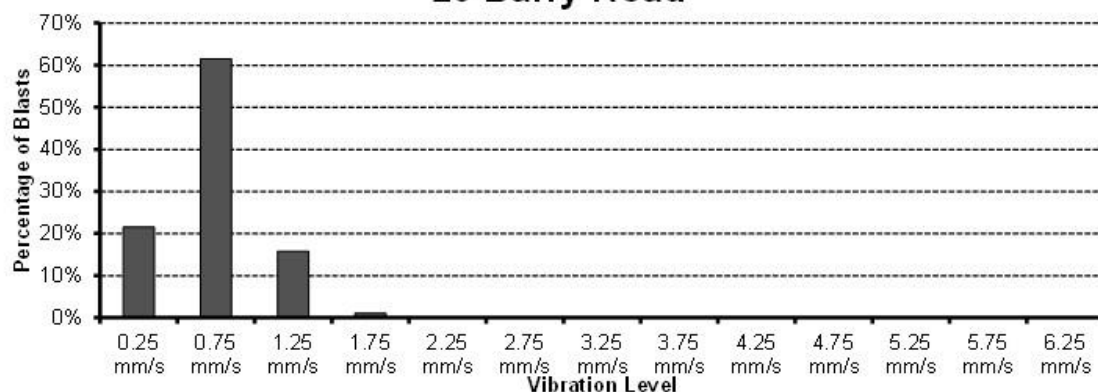
## 2 Boundary Road

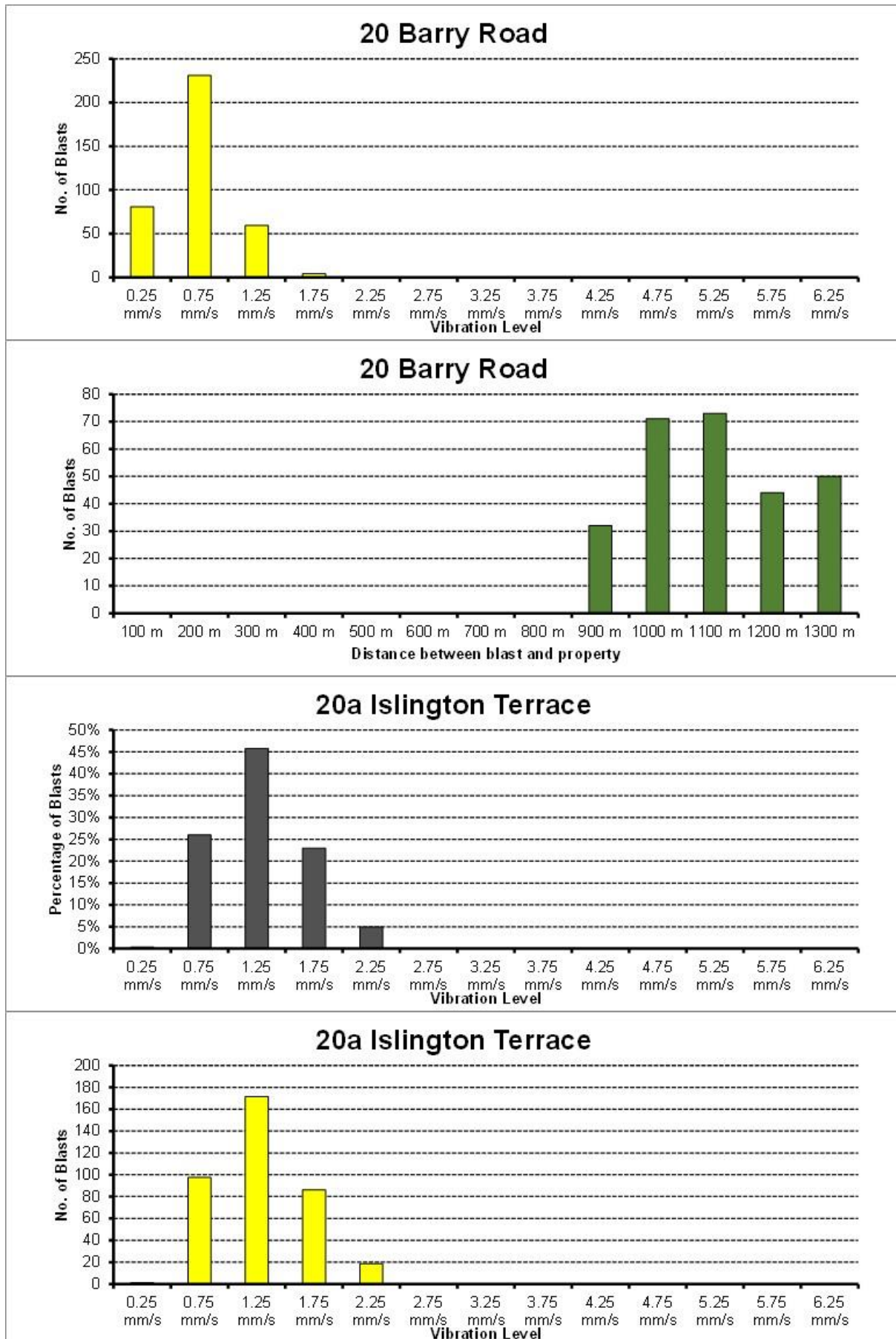


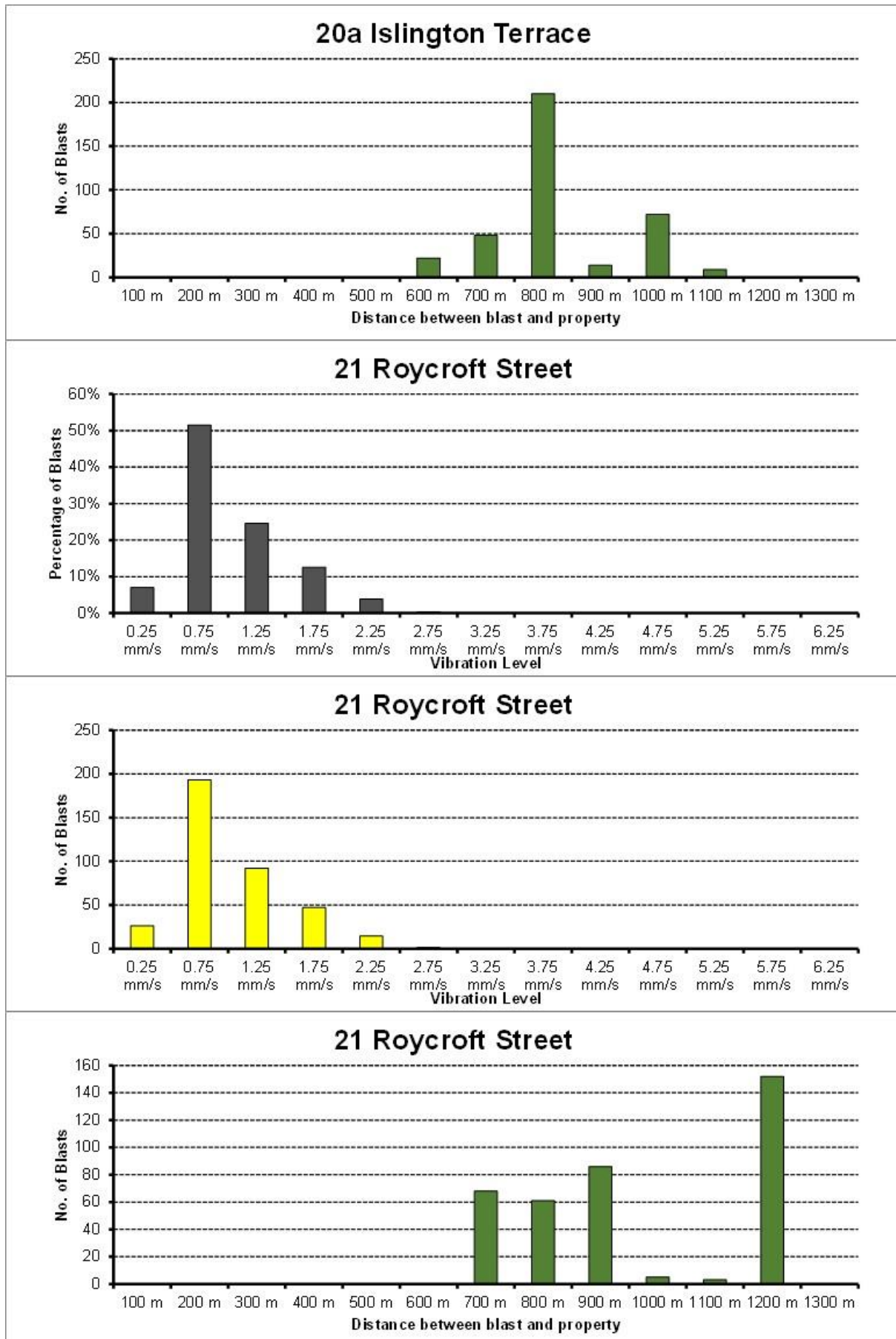
## 2 Boundary Road



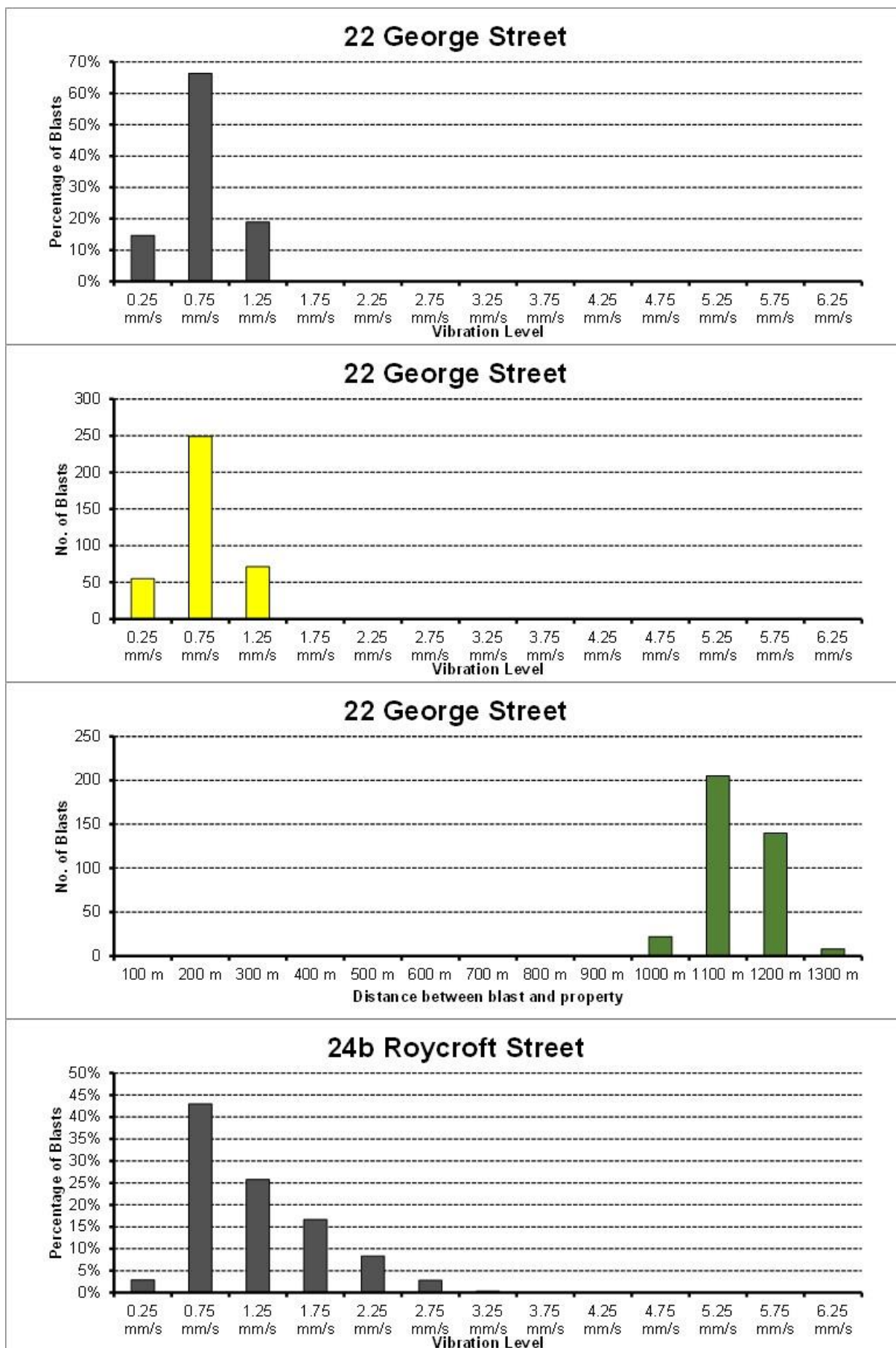
## 20 Barry Road

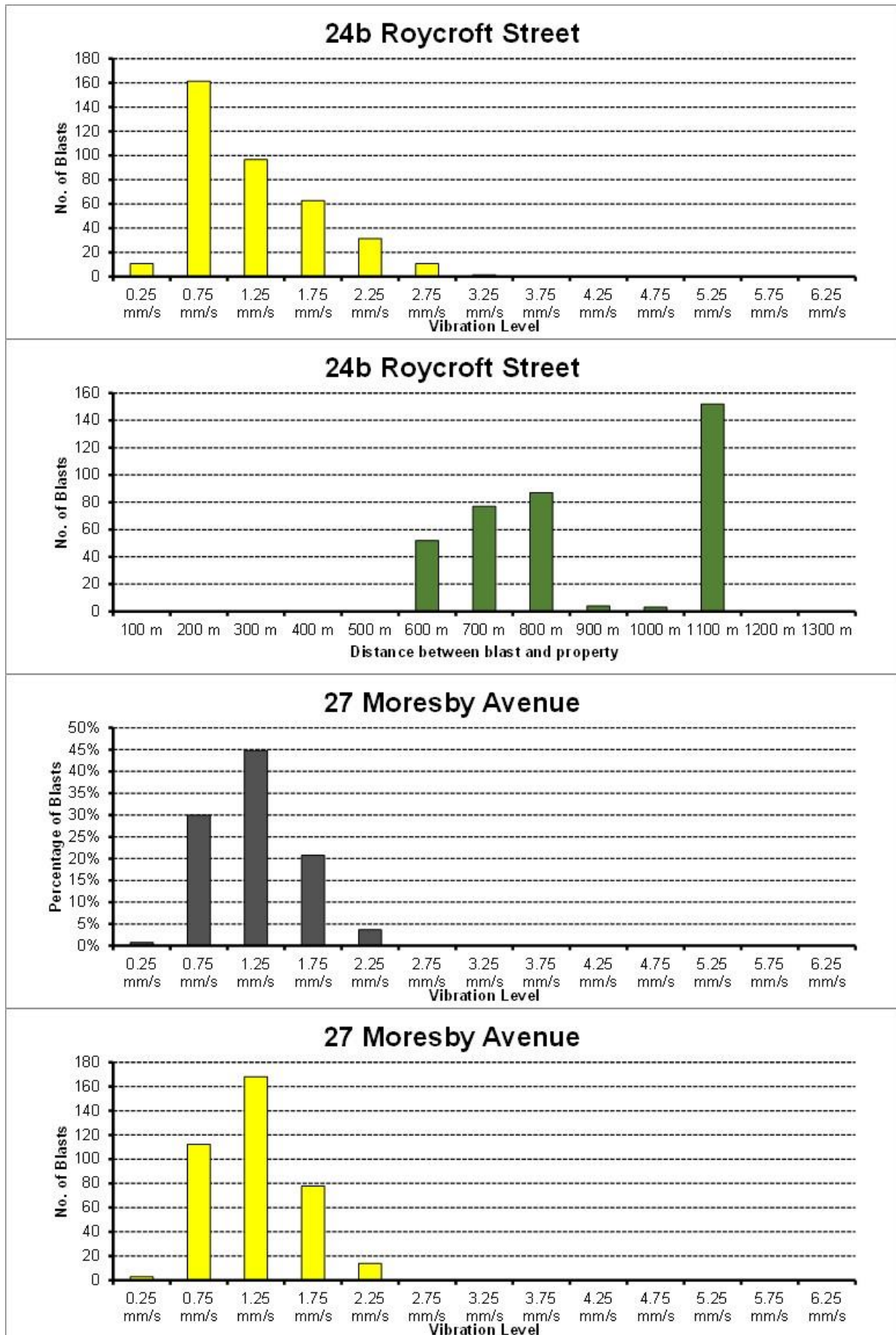


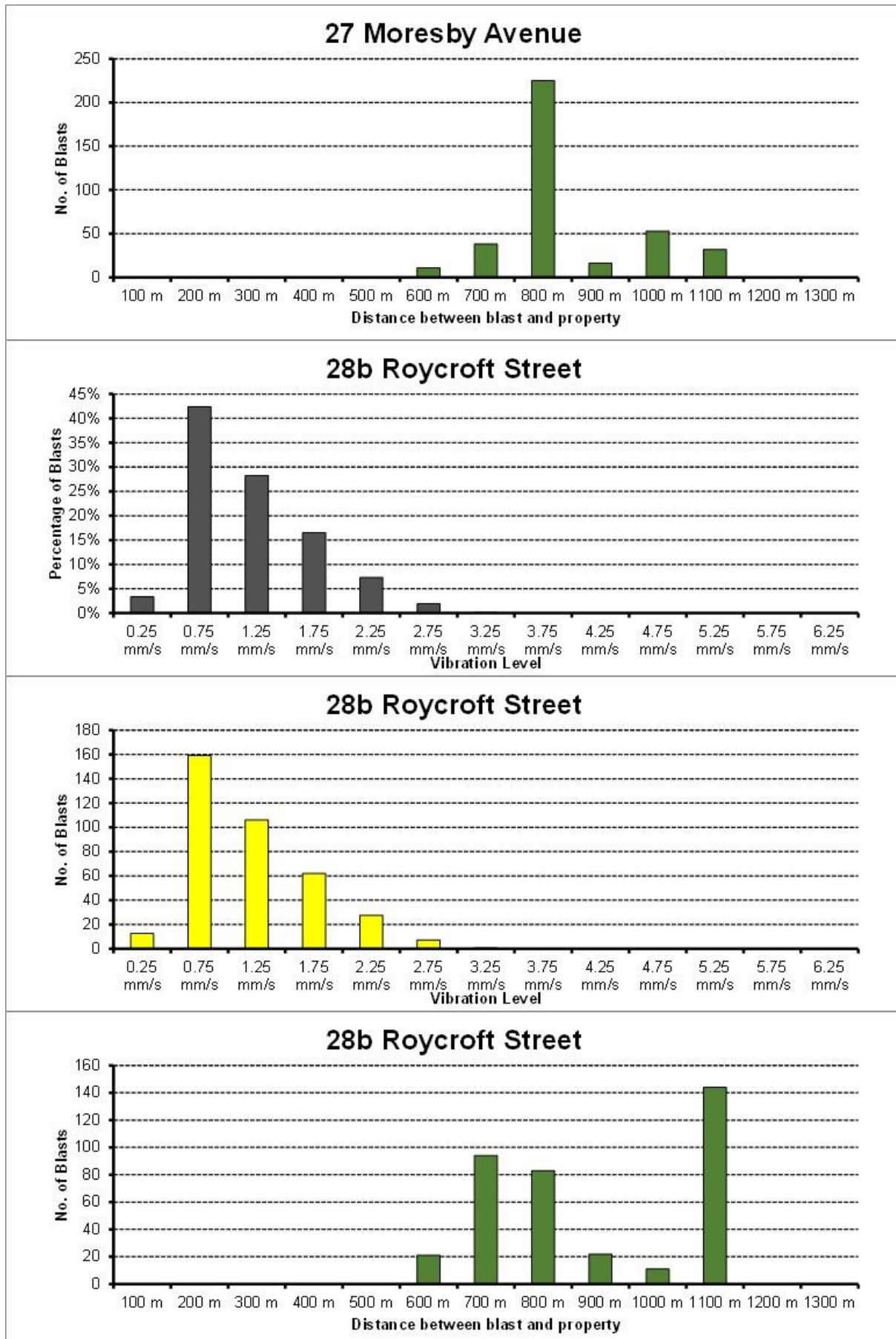




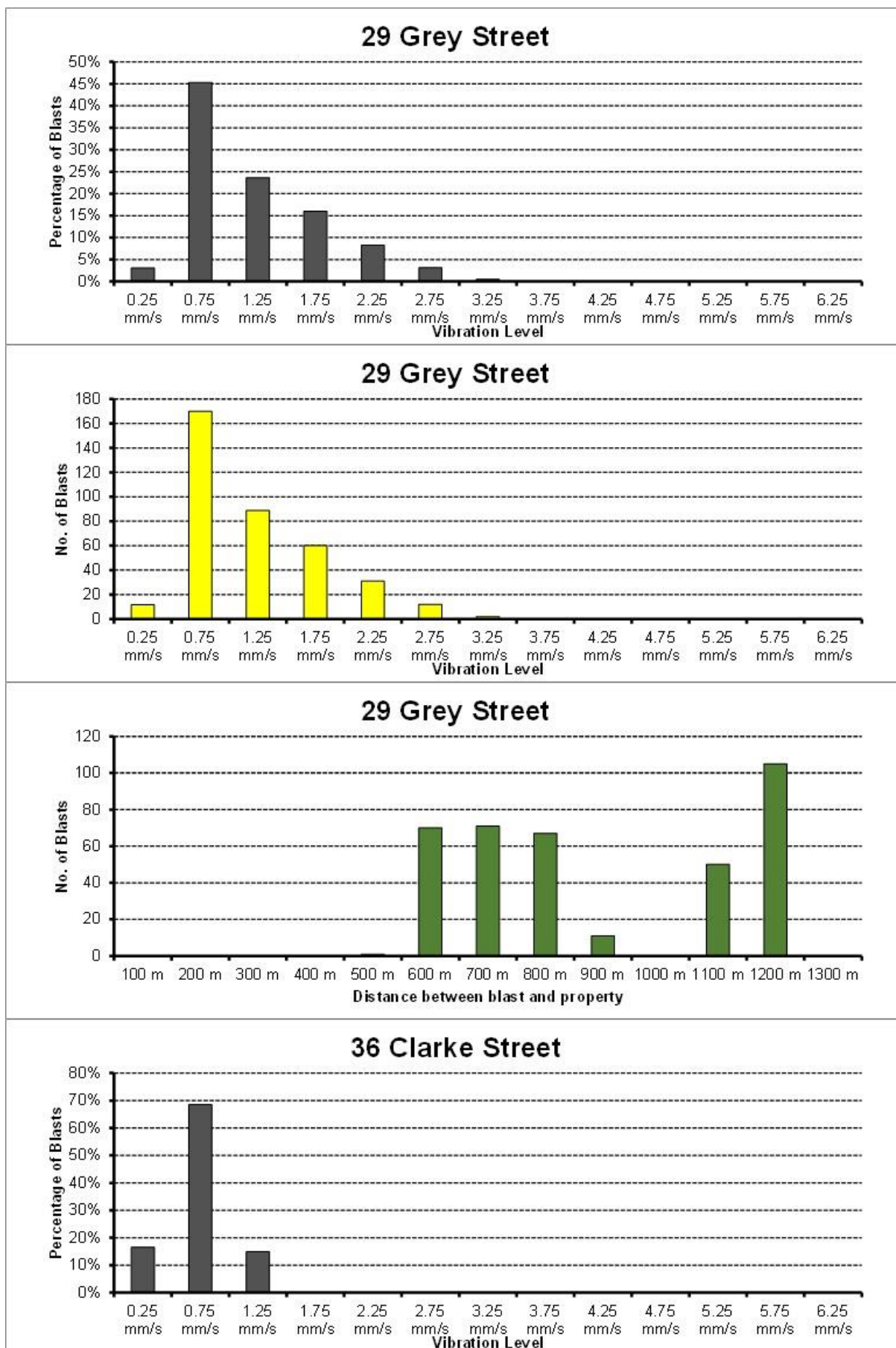


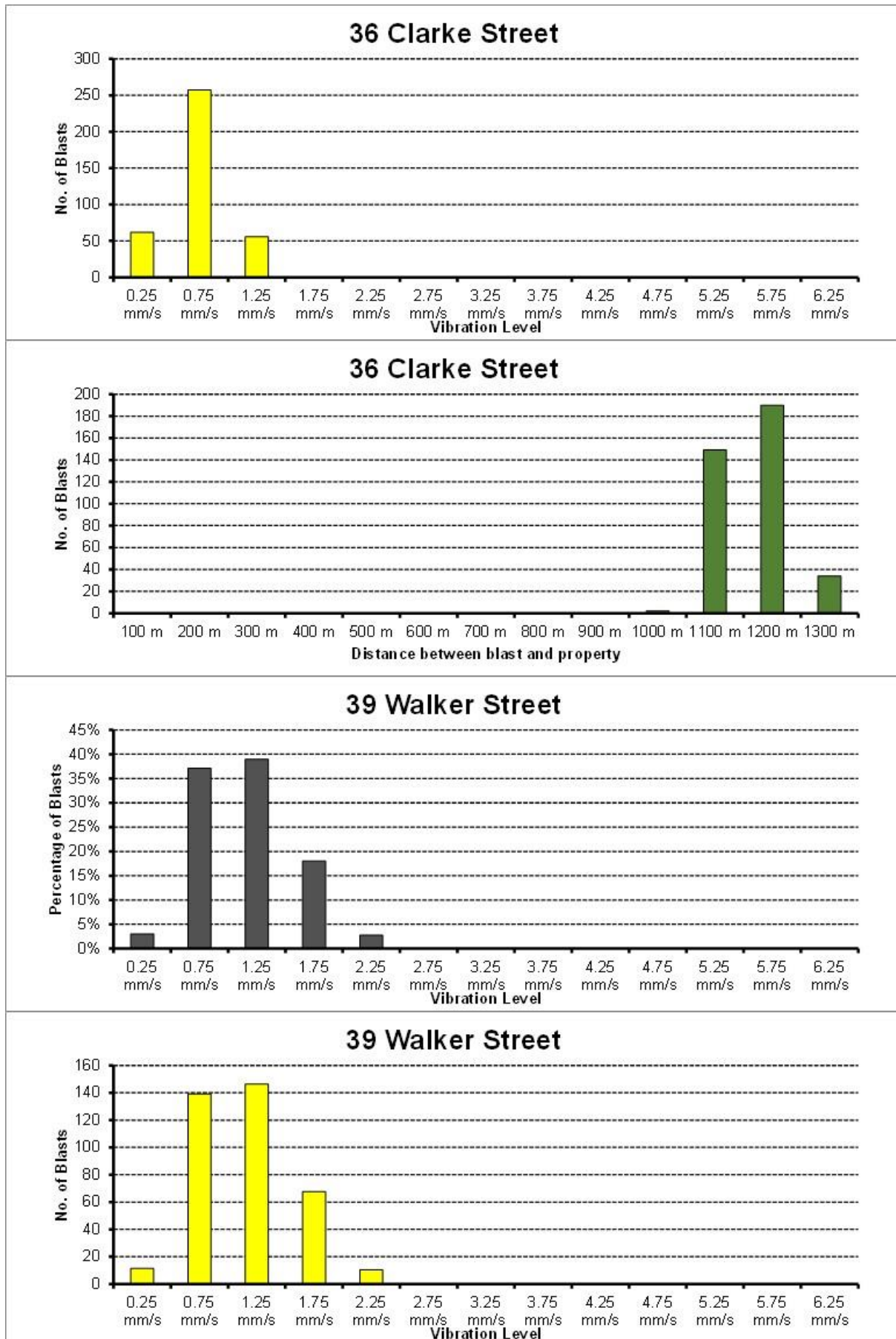


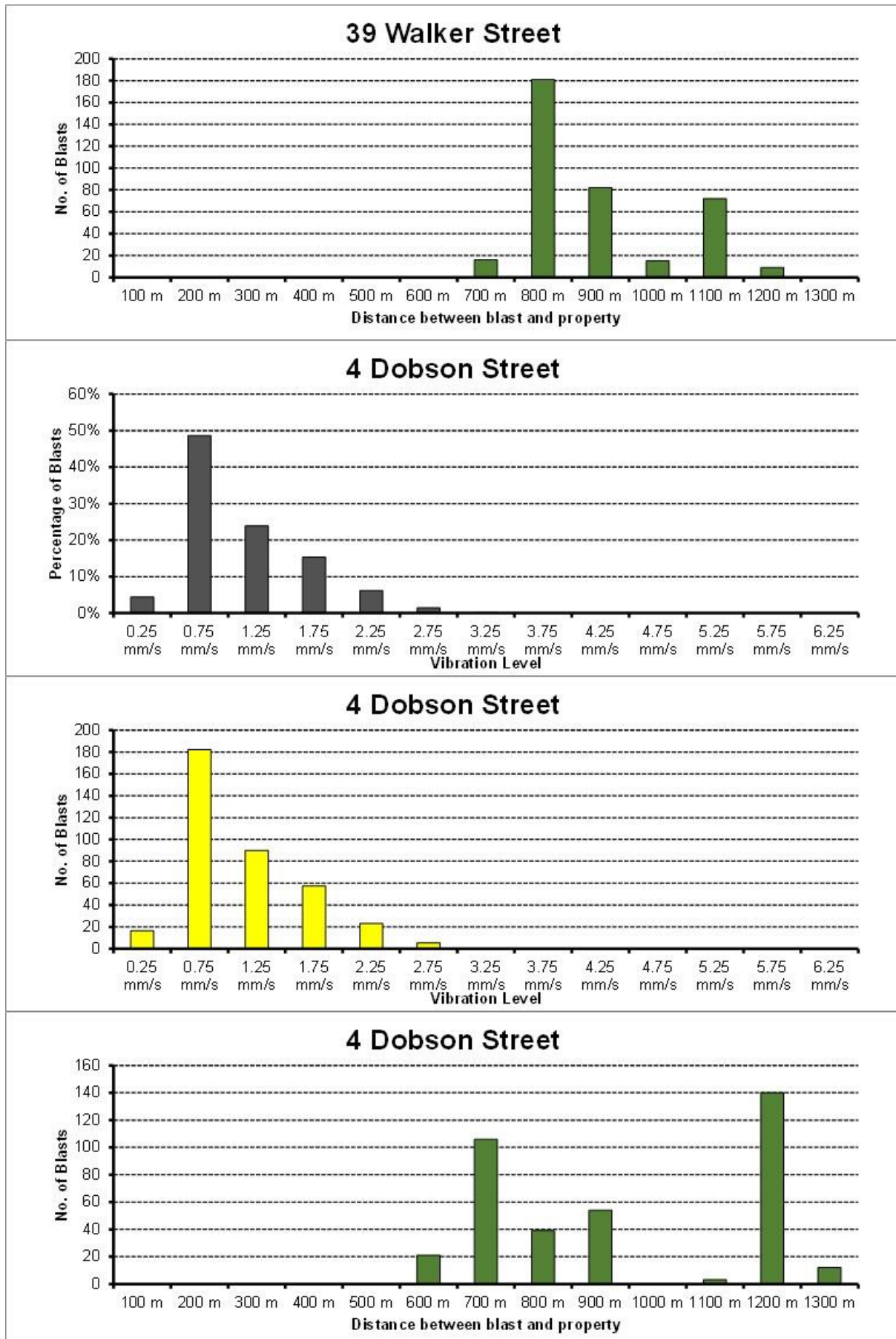




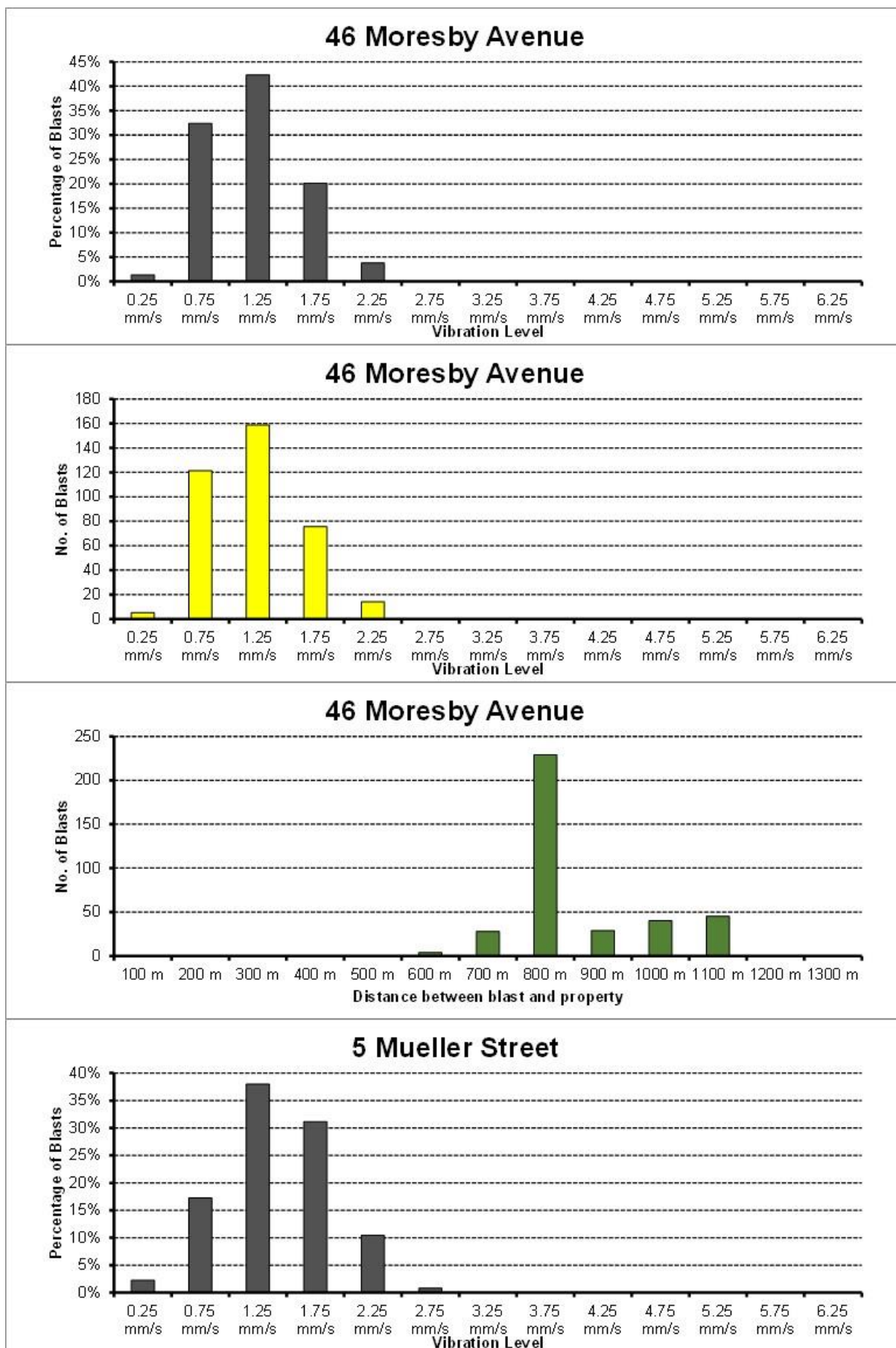


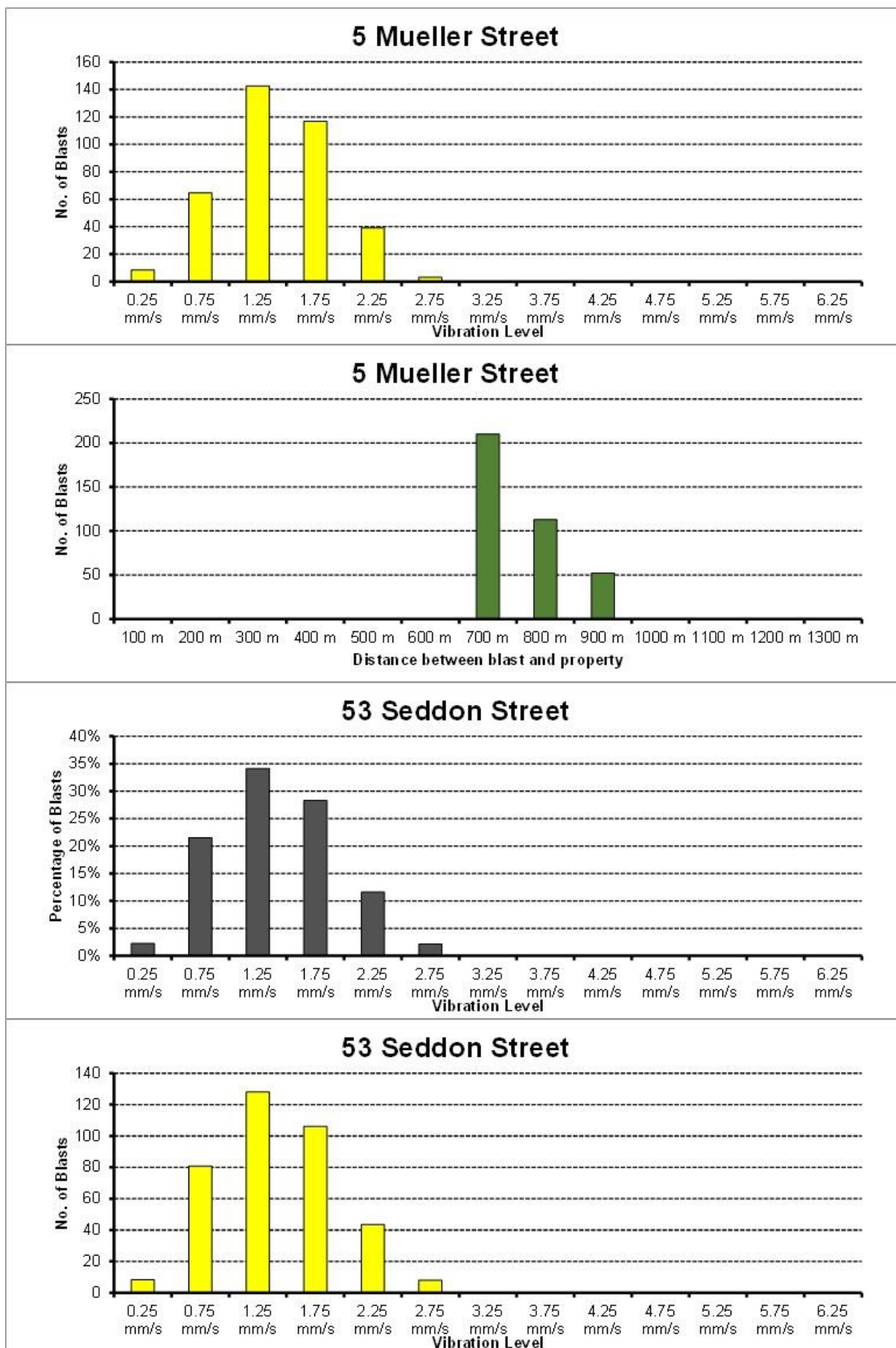


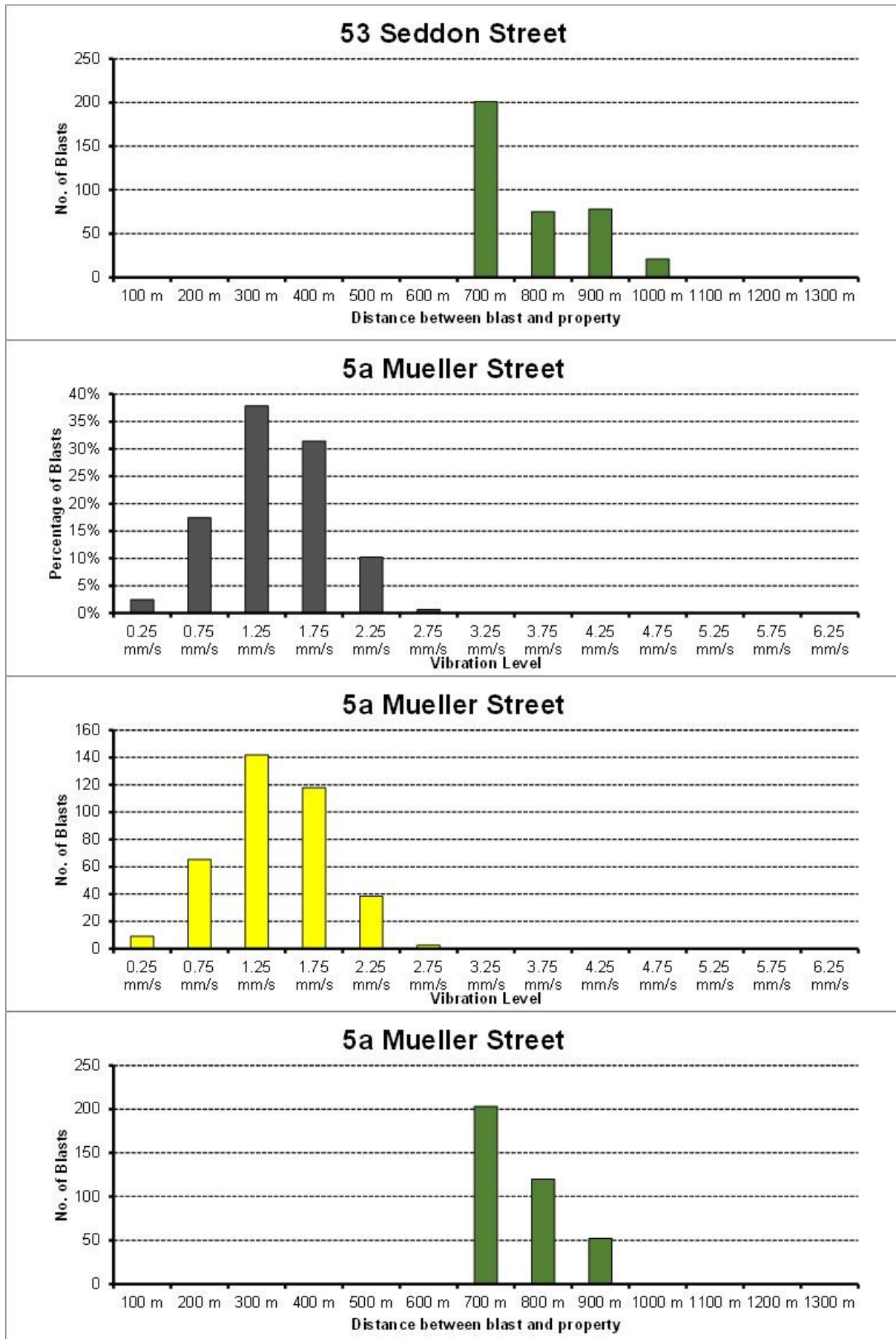




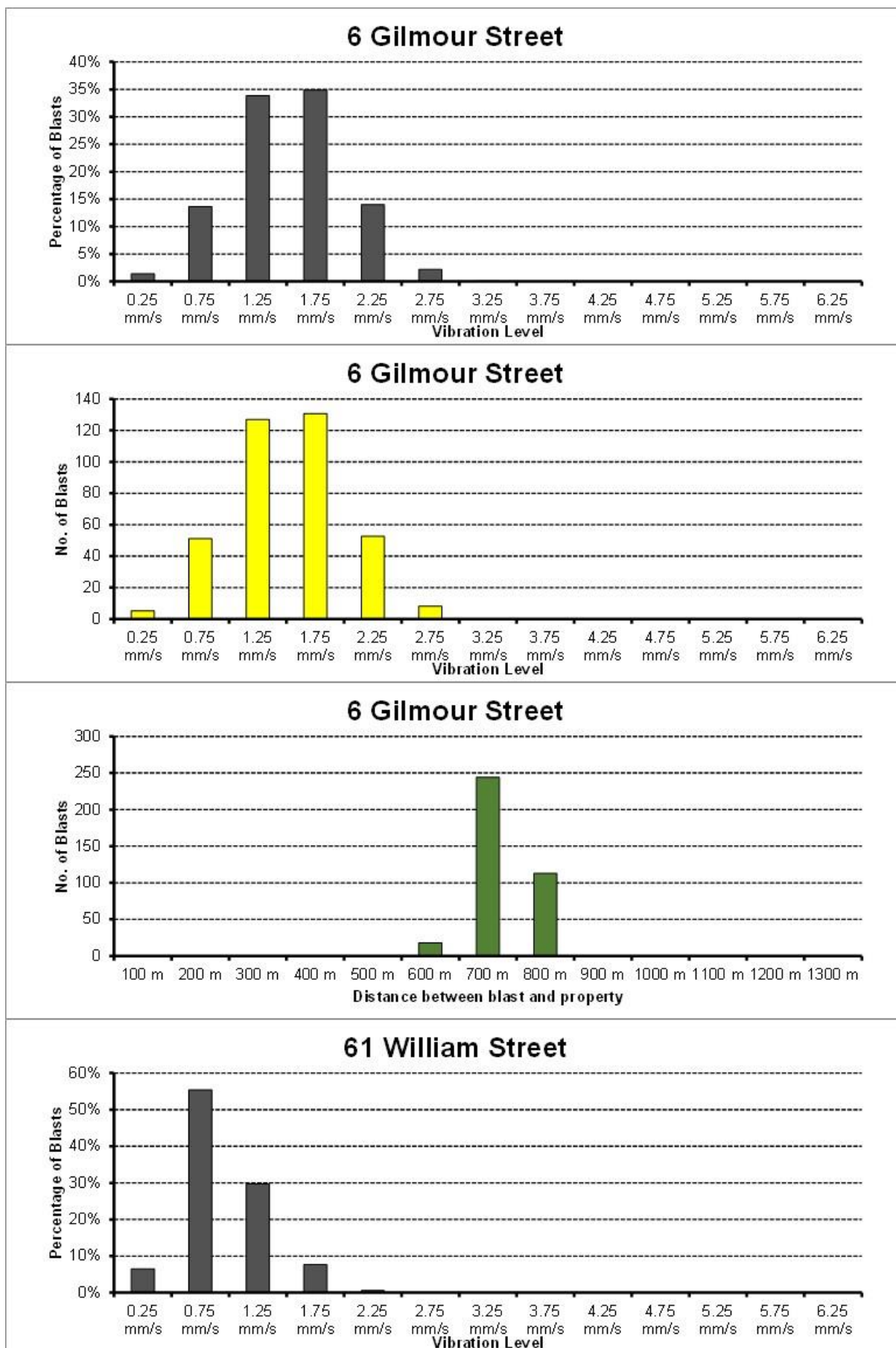


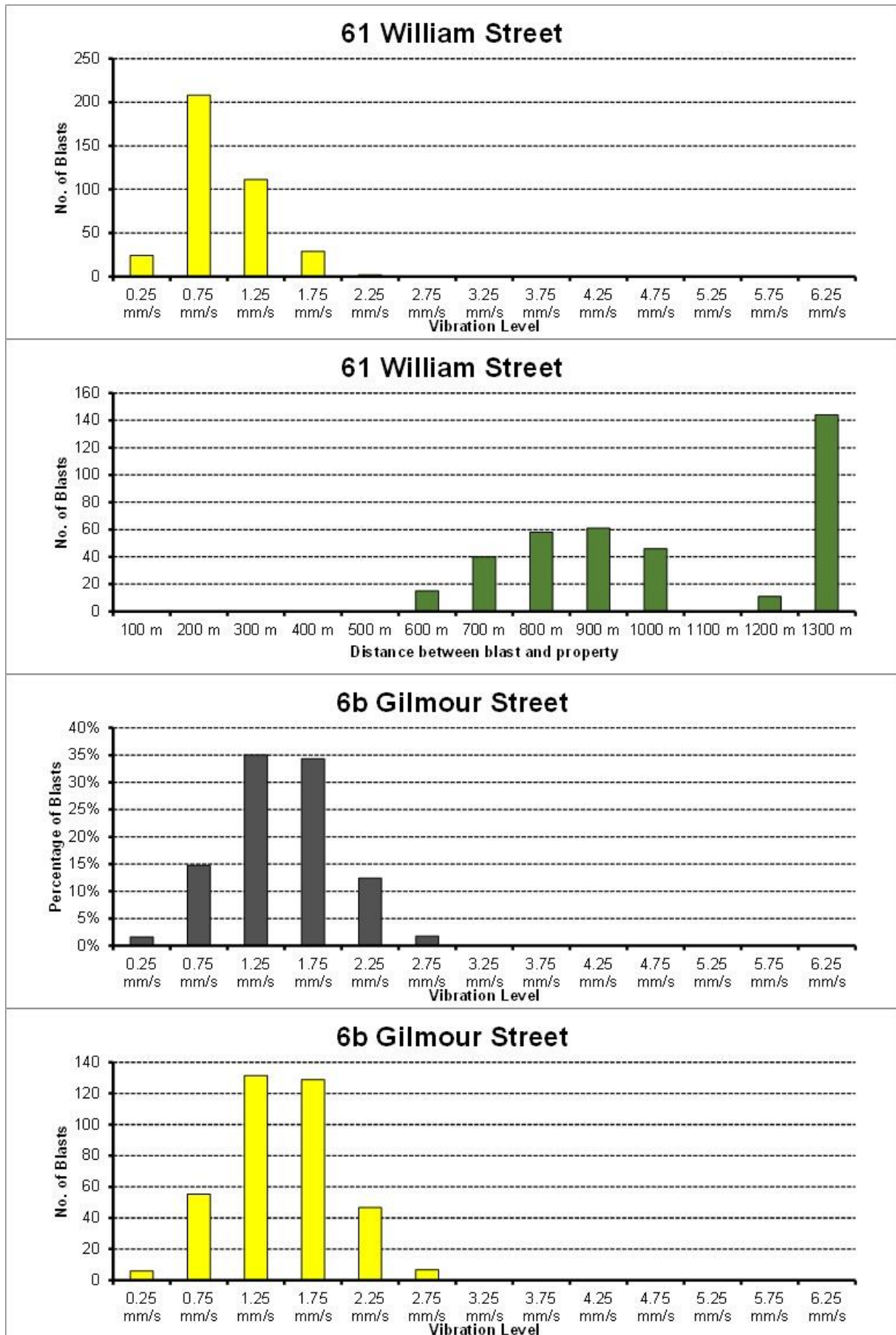


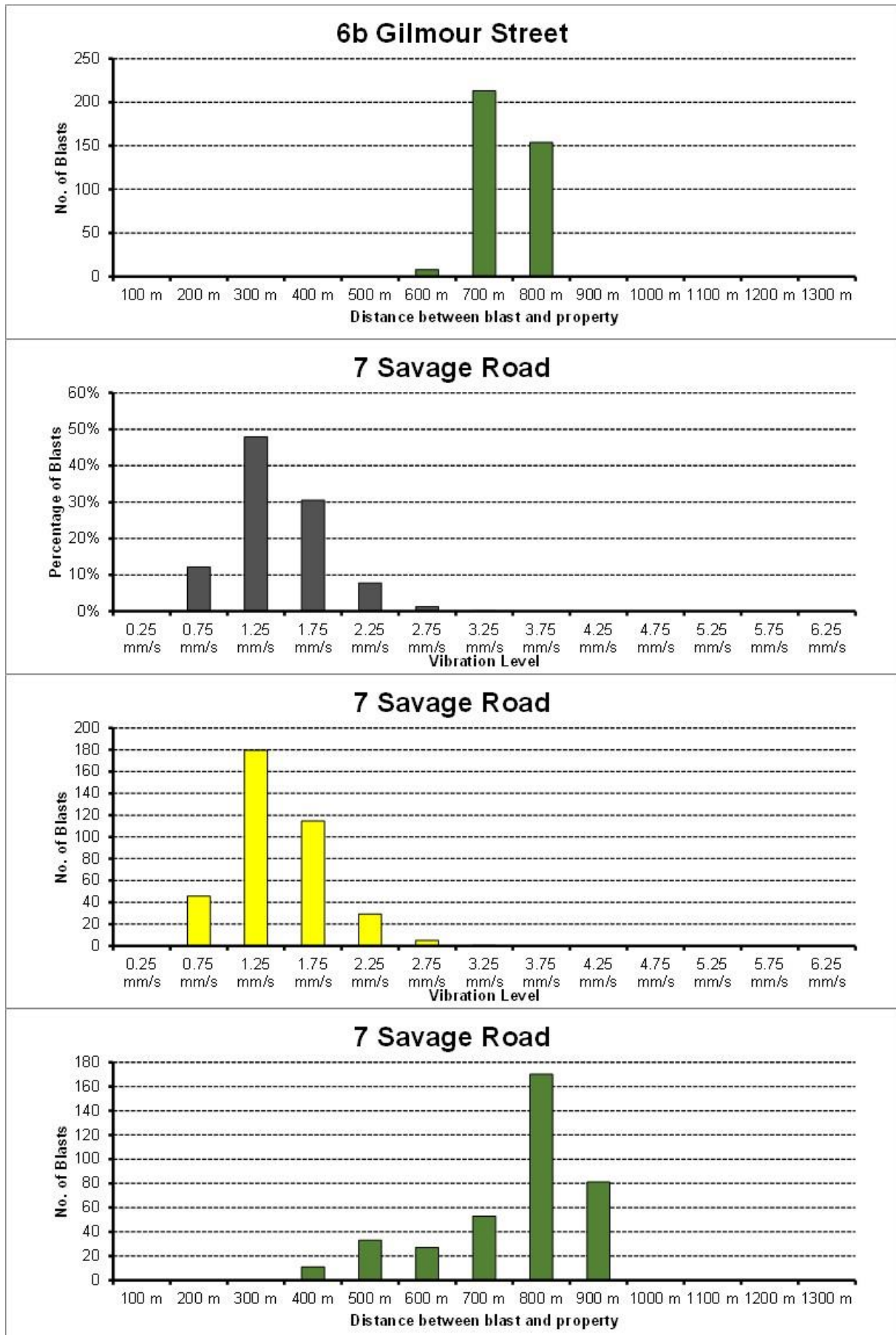




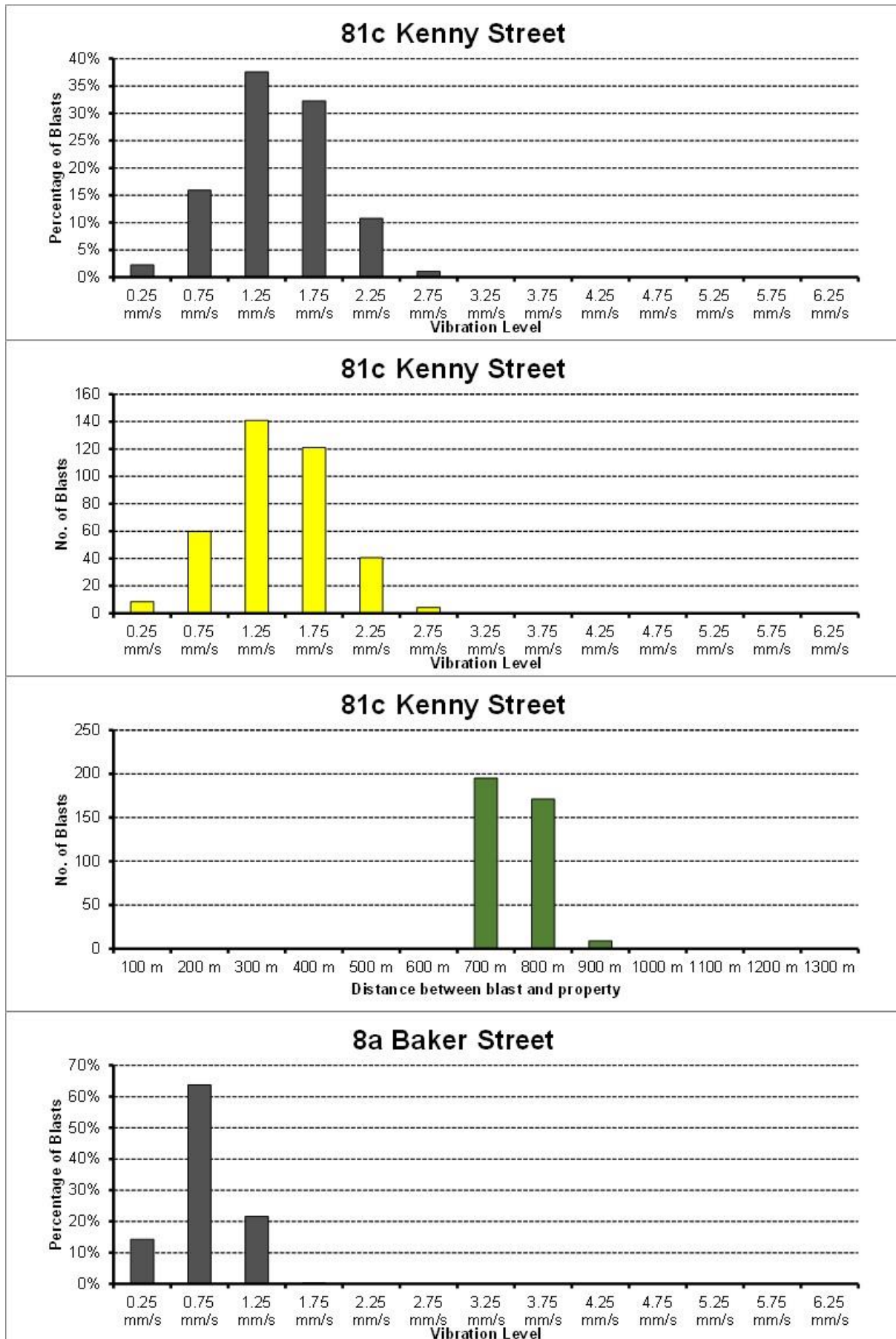




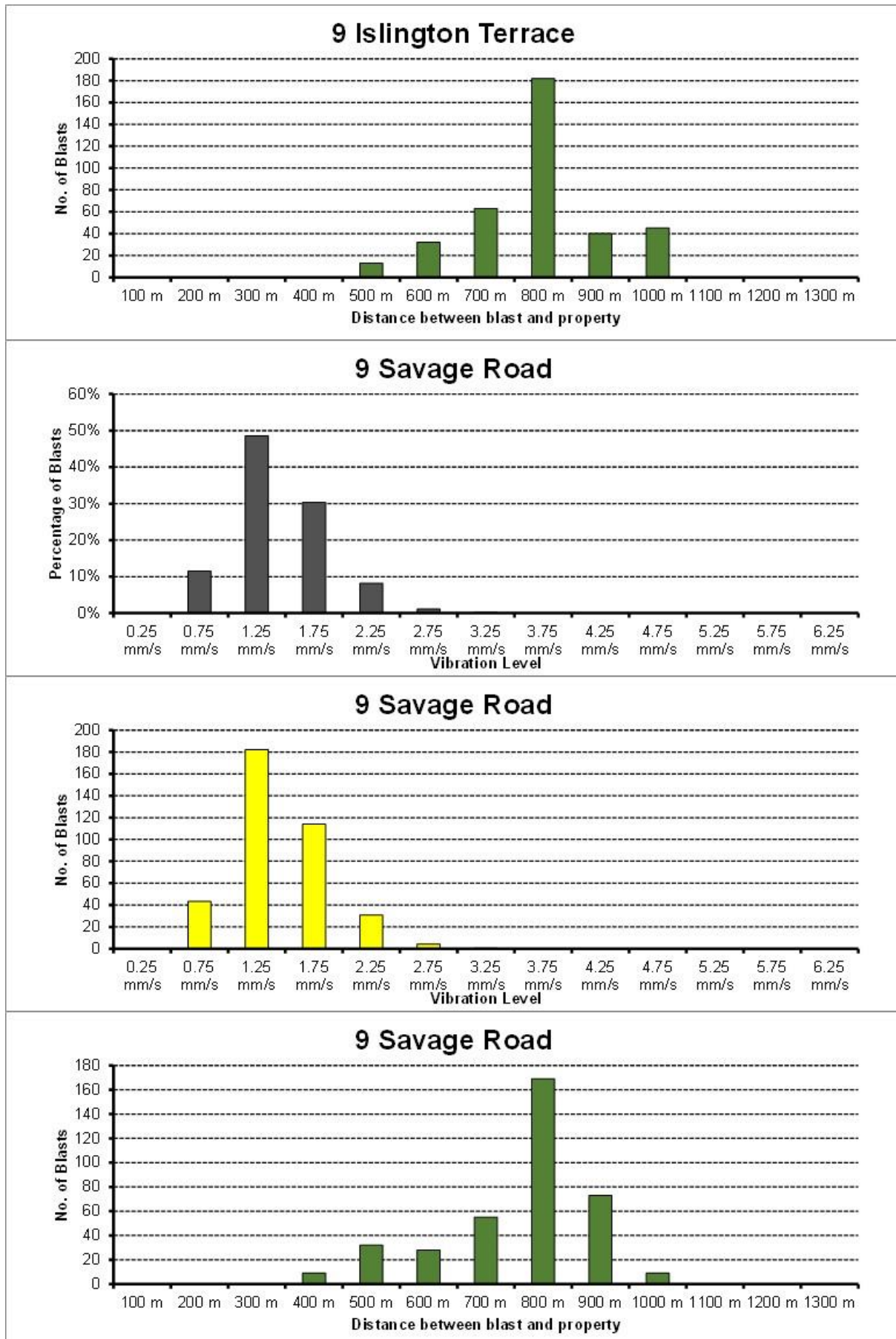




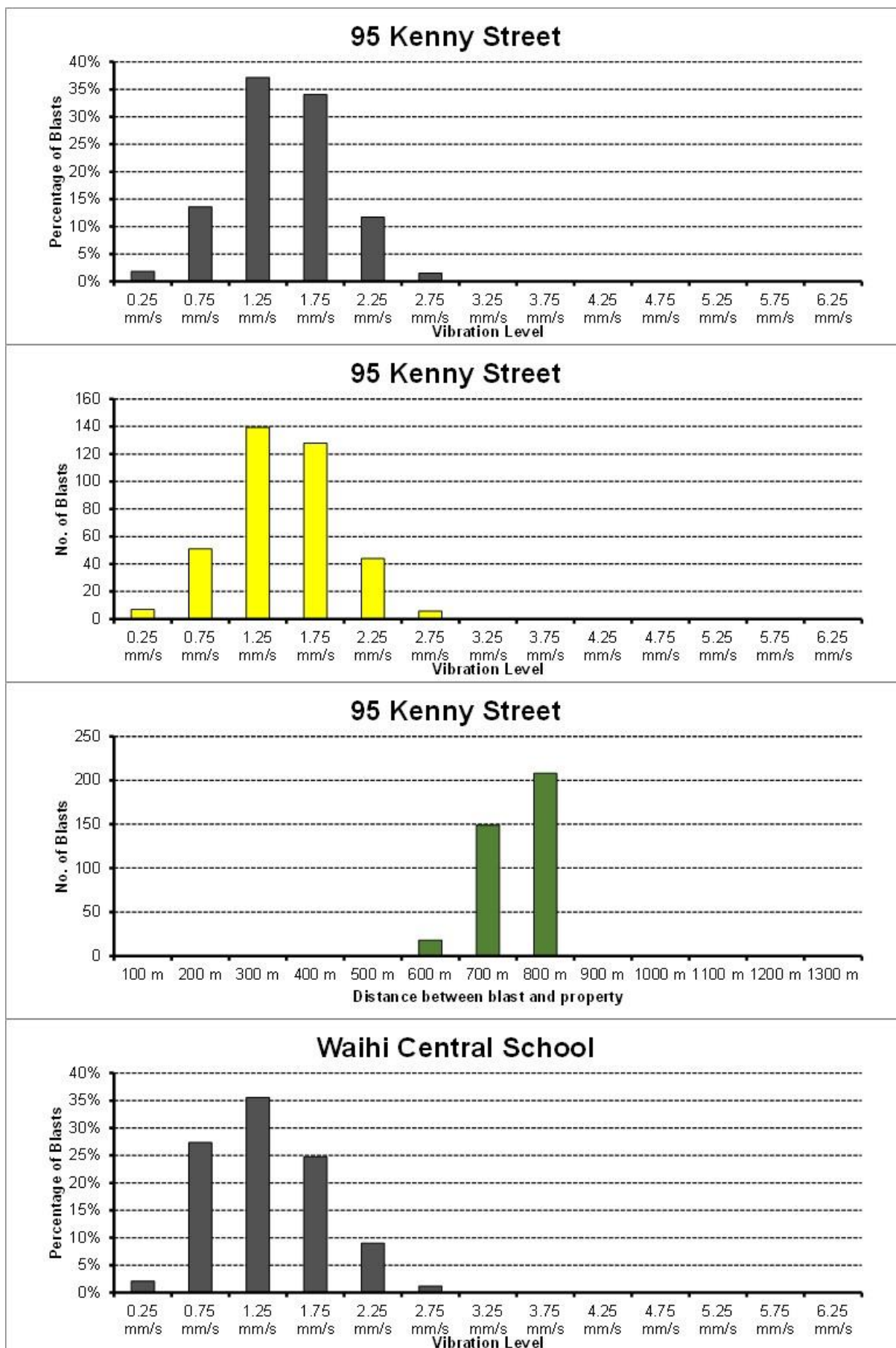


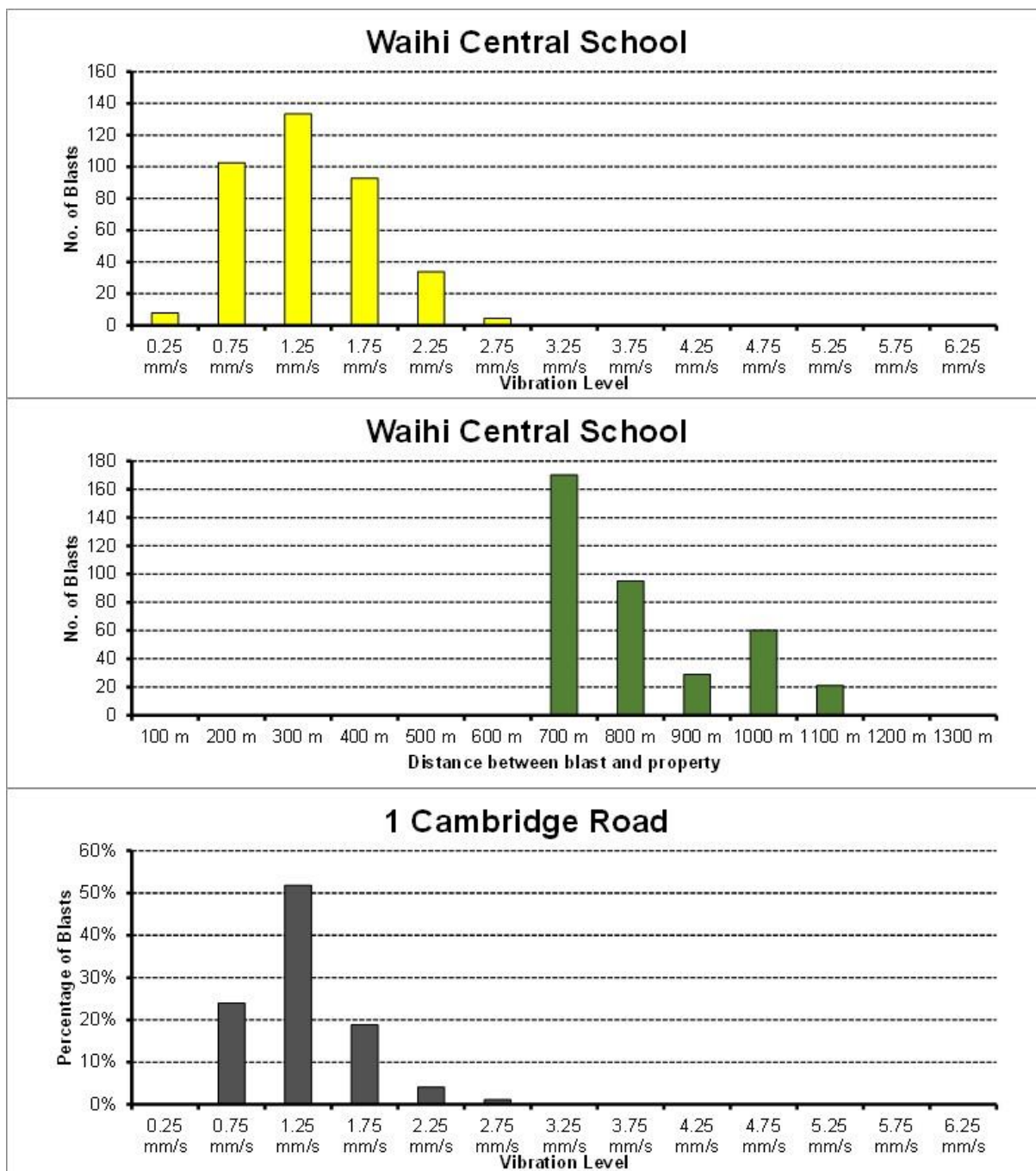


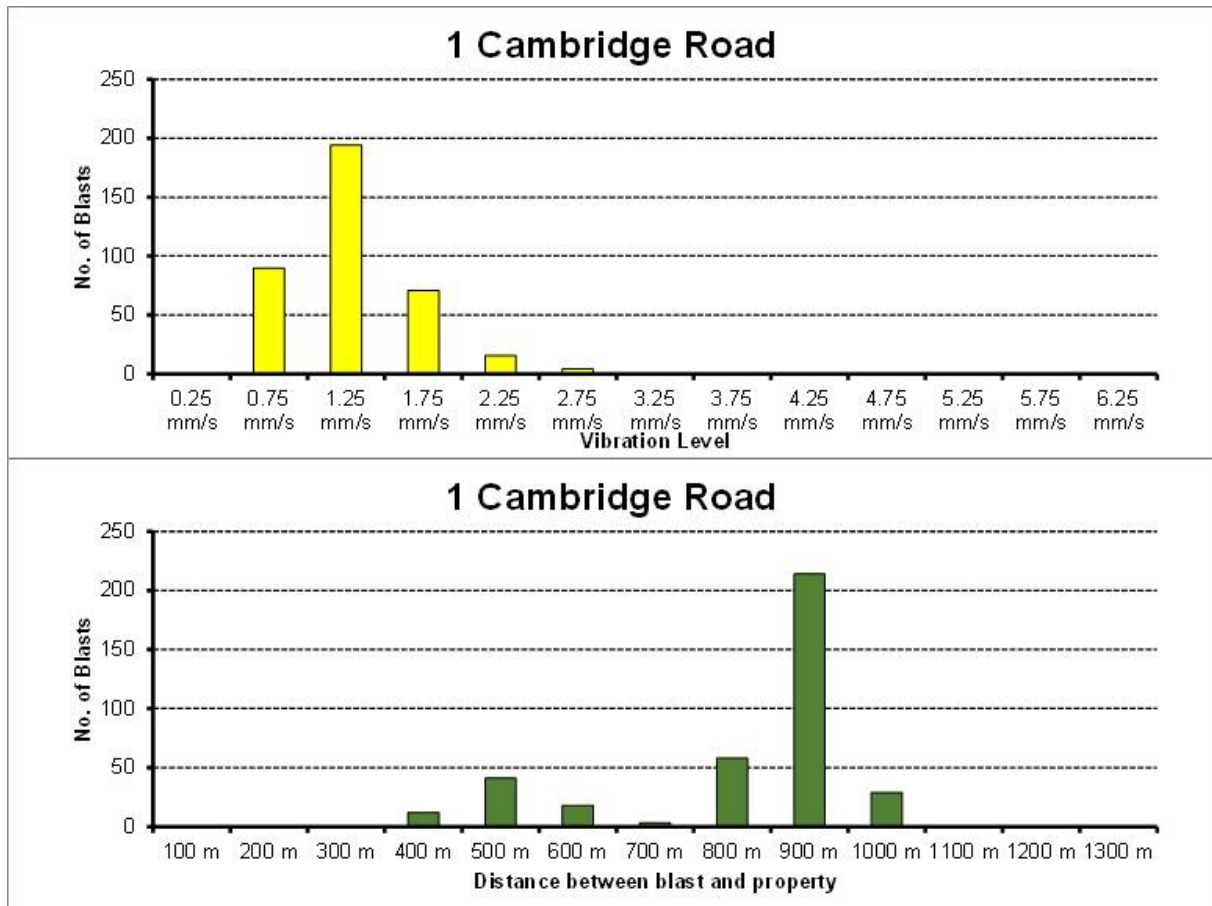






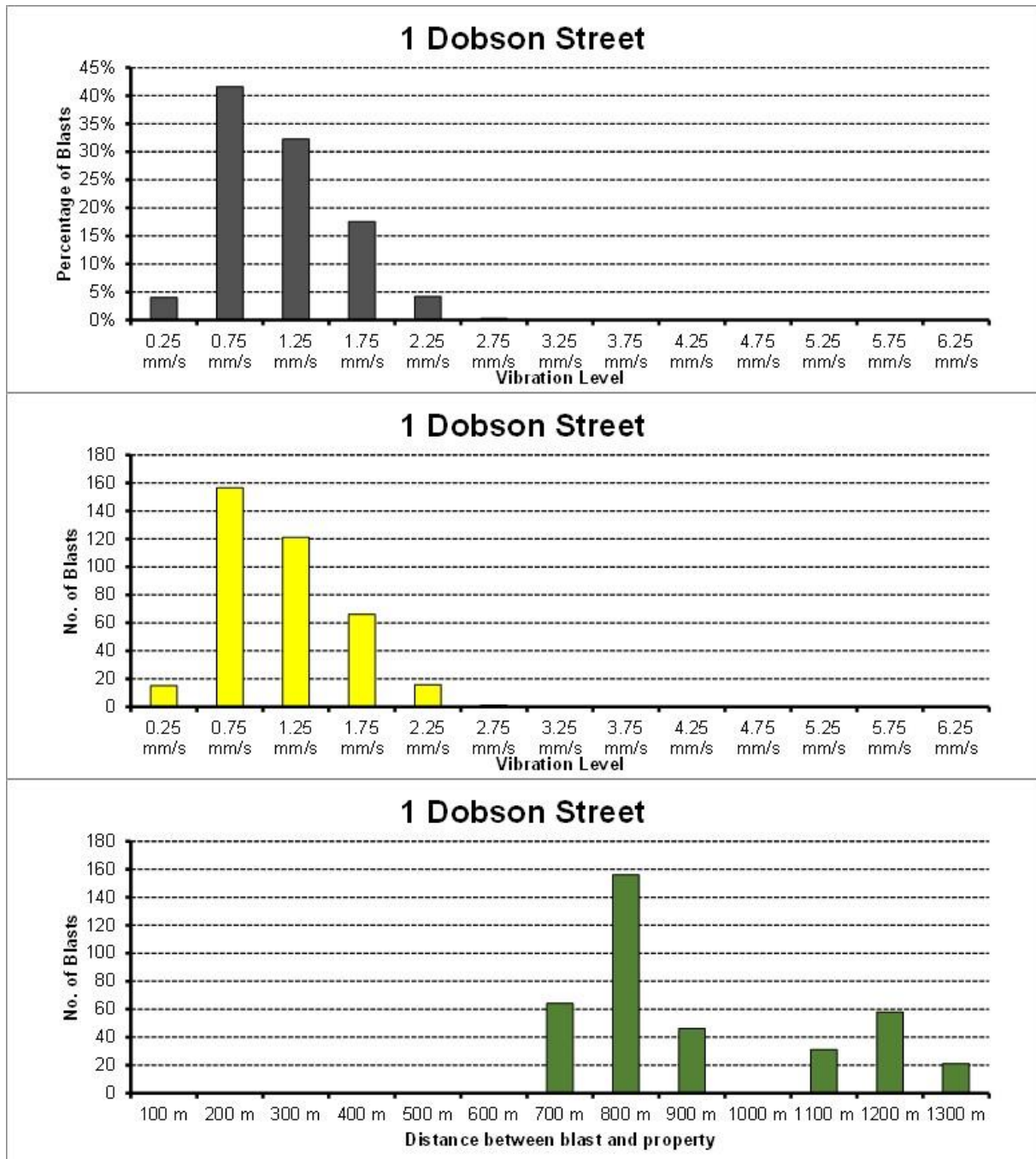


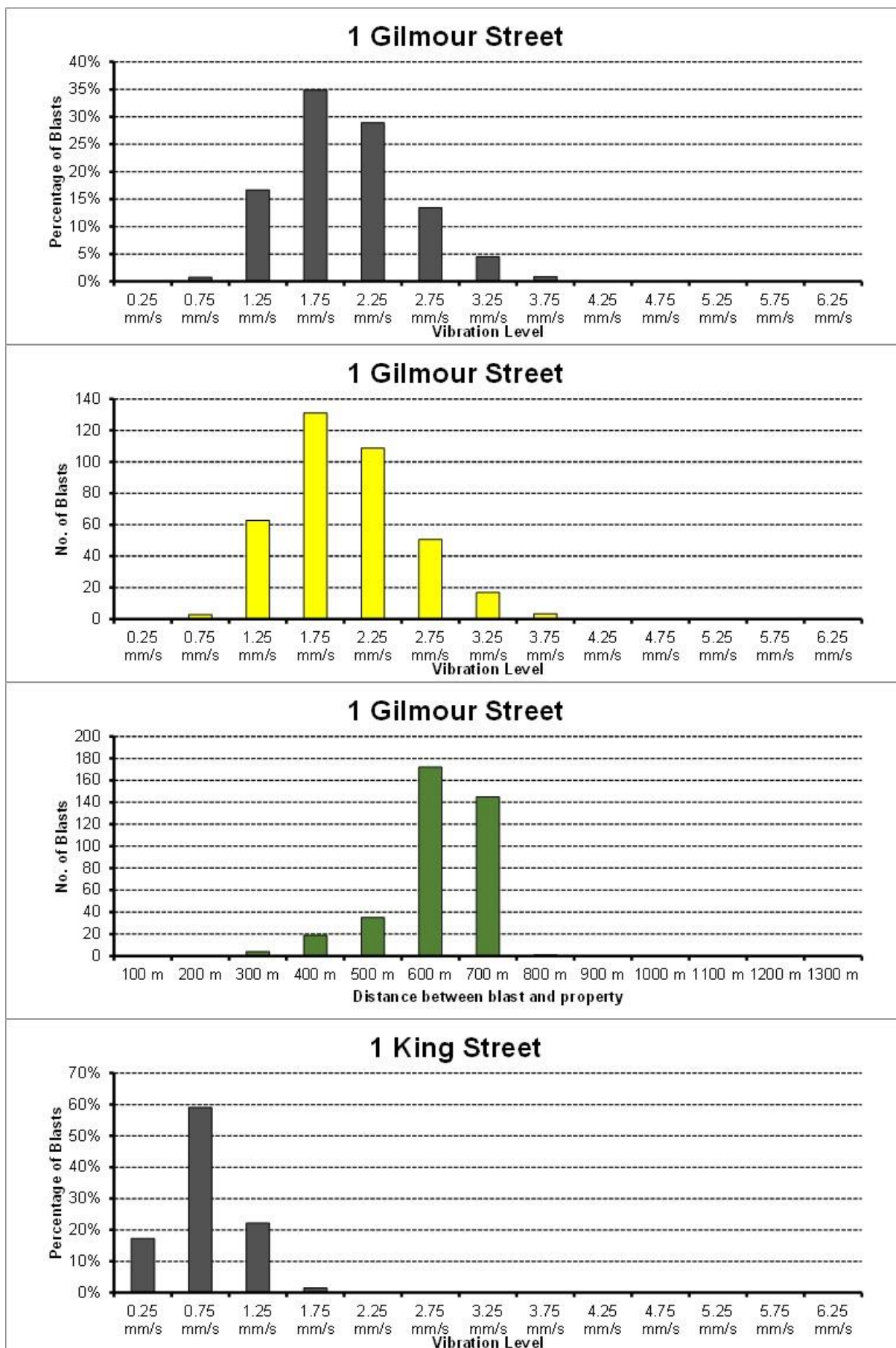


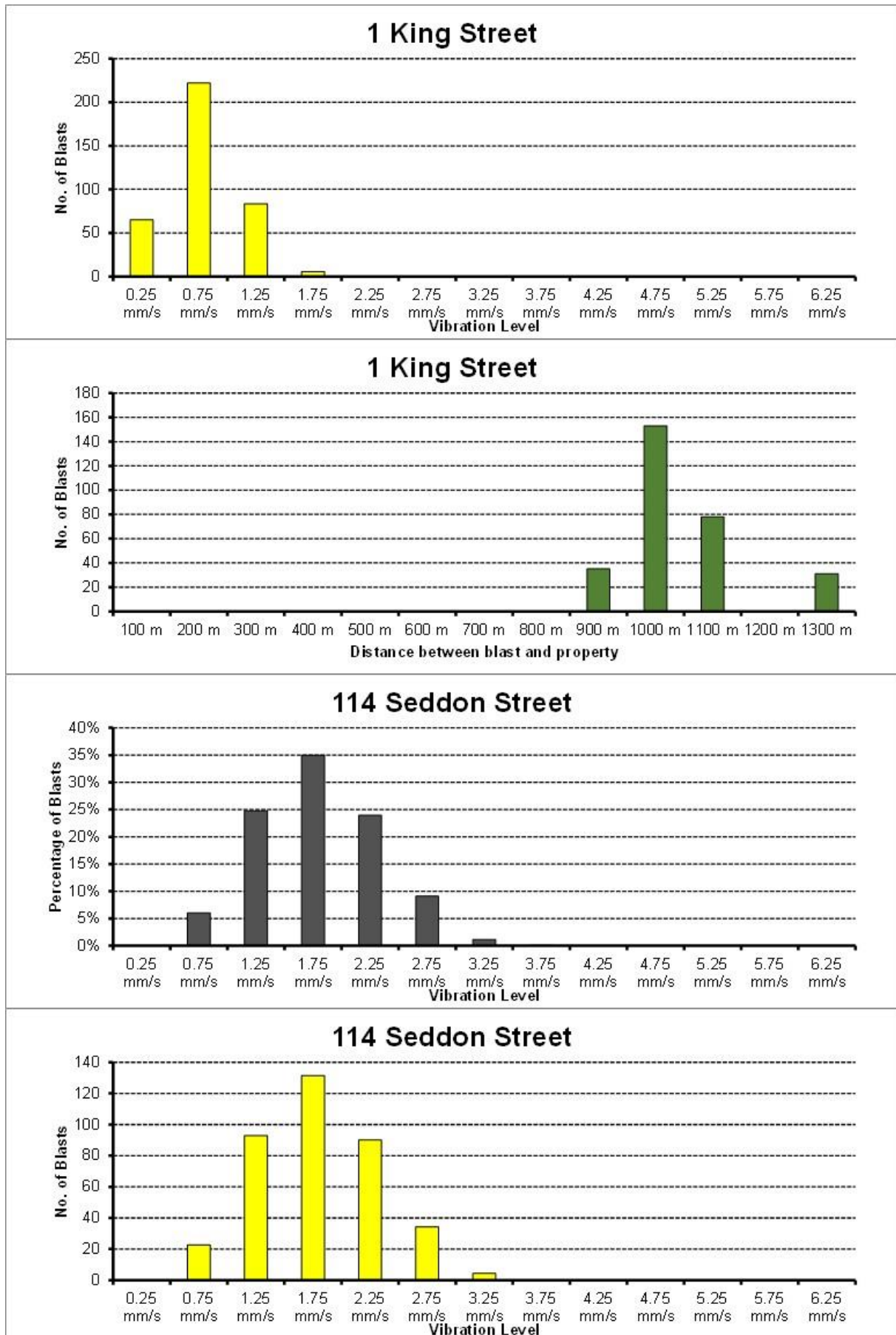




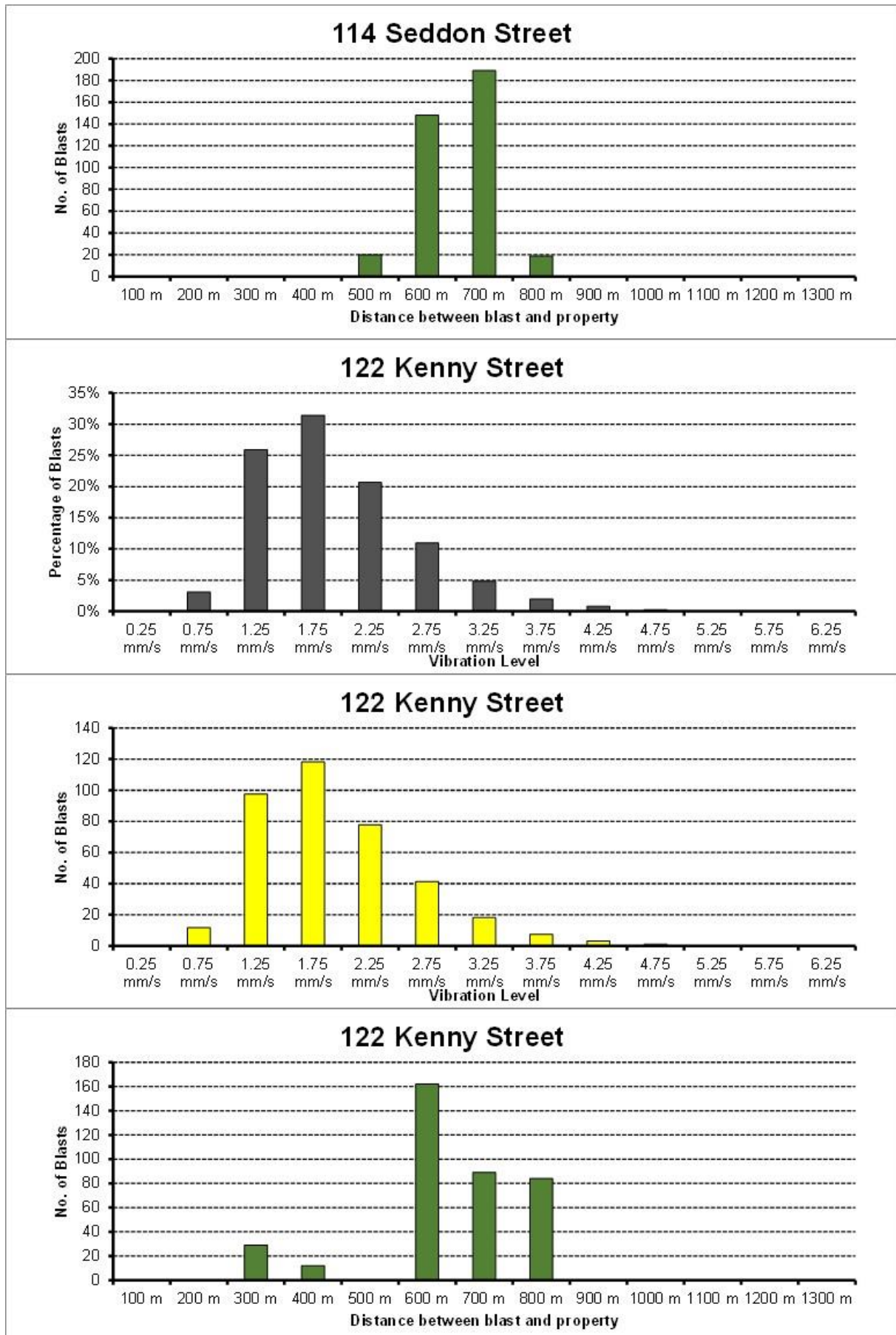
## 9. MARTHA PROJECT 2028

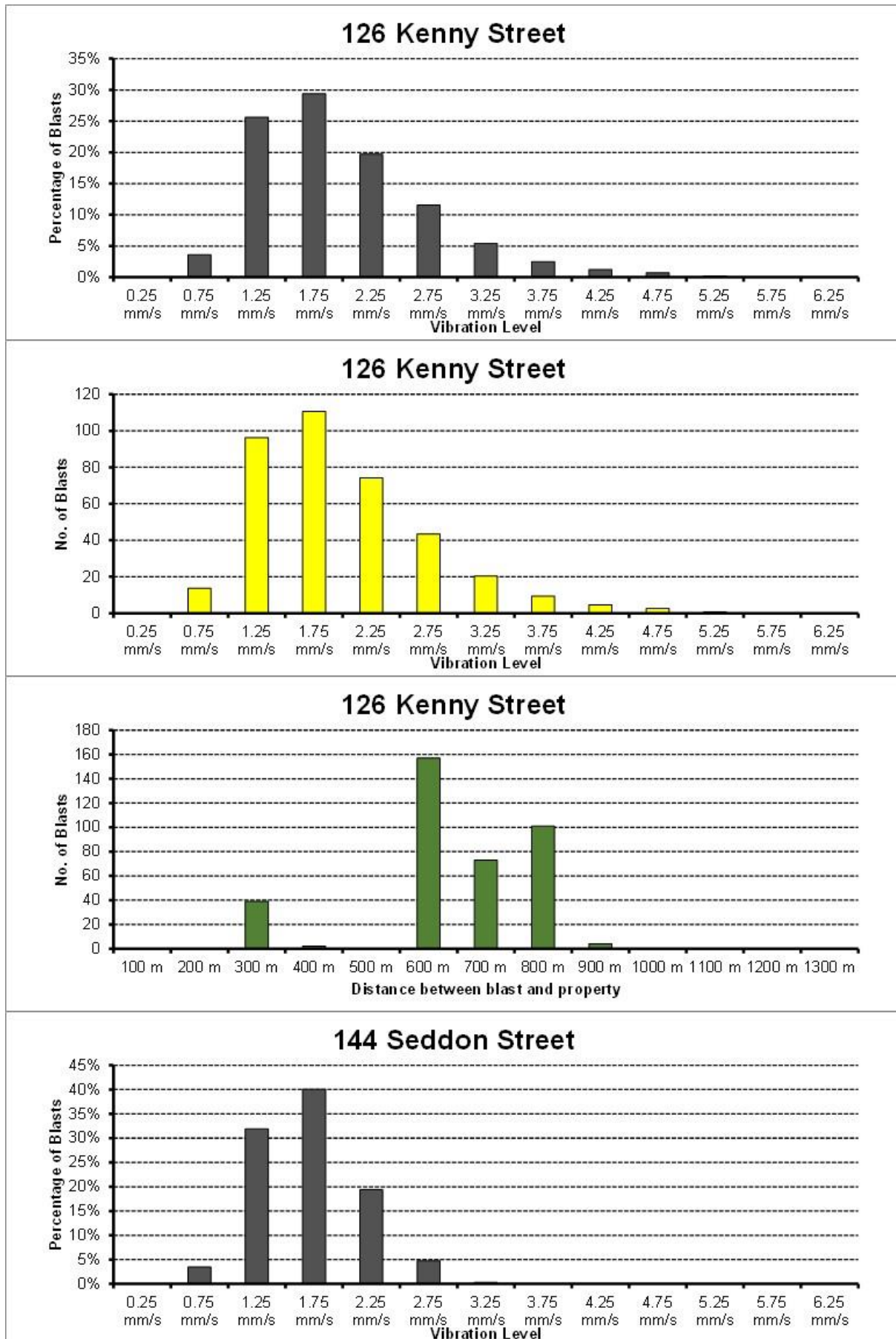


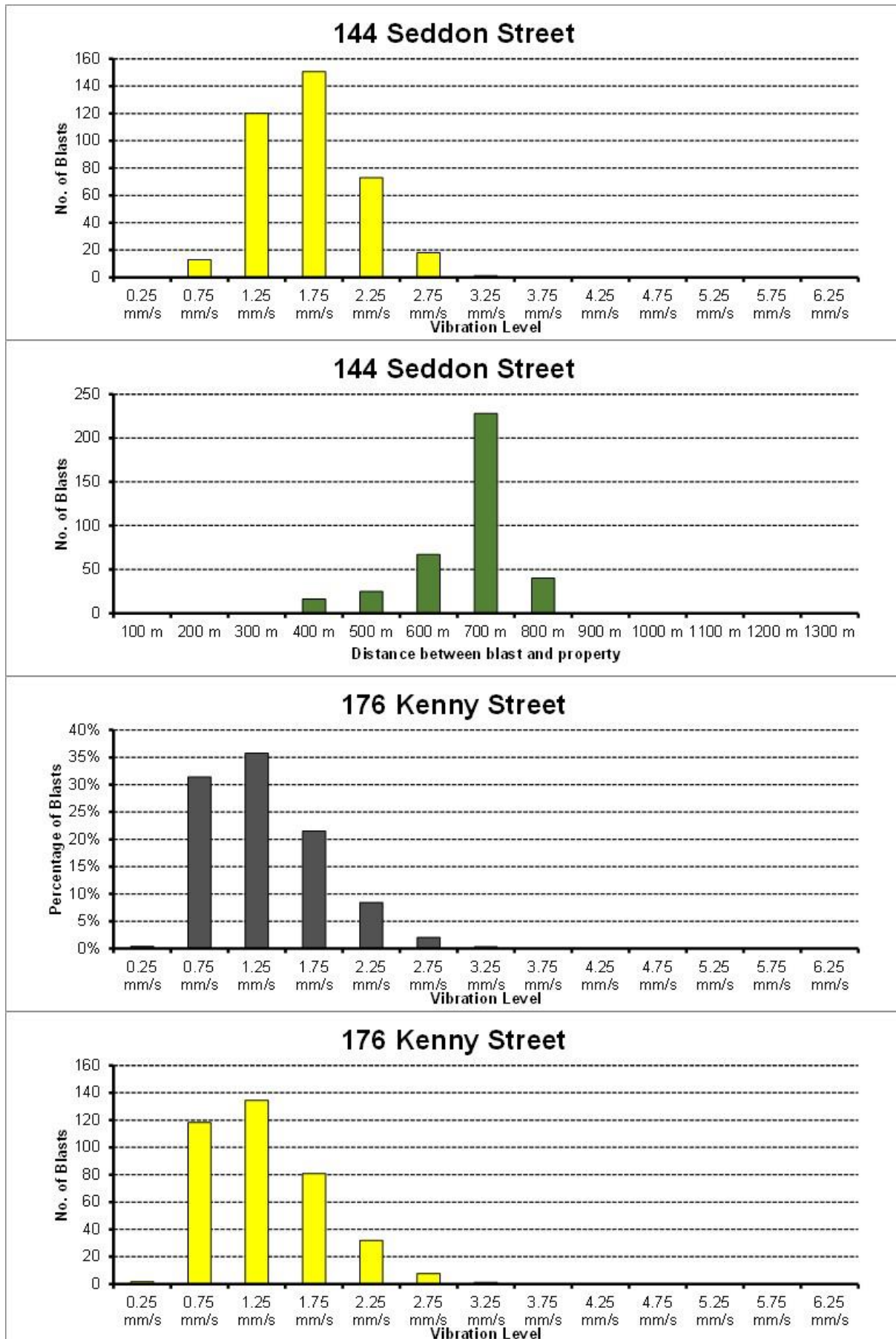




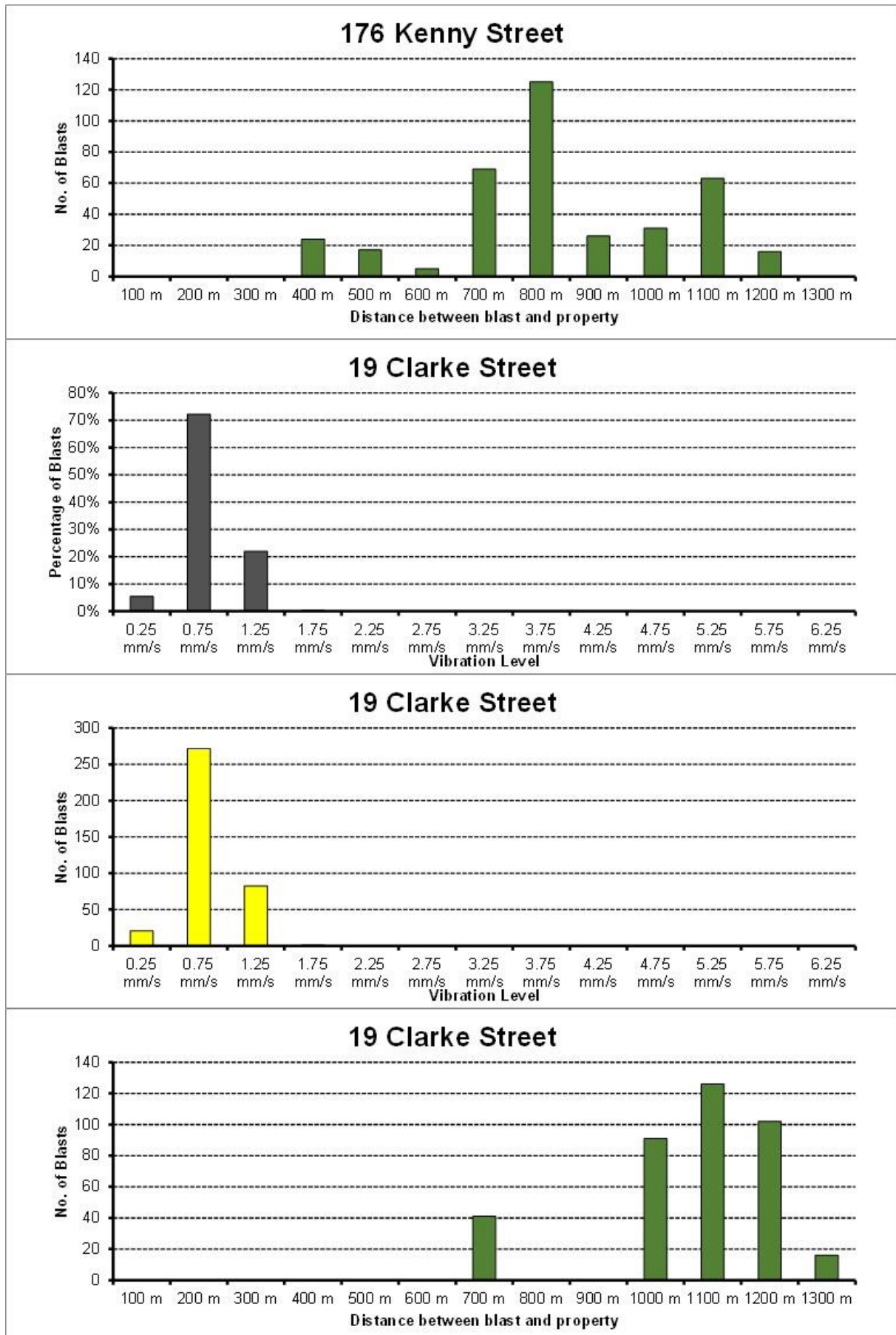


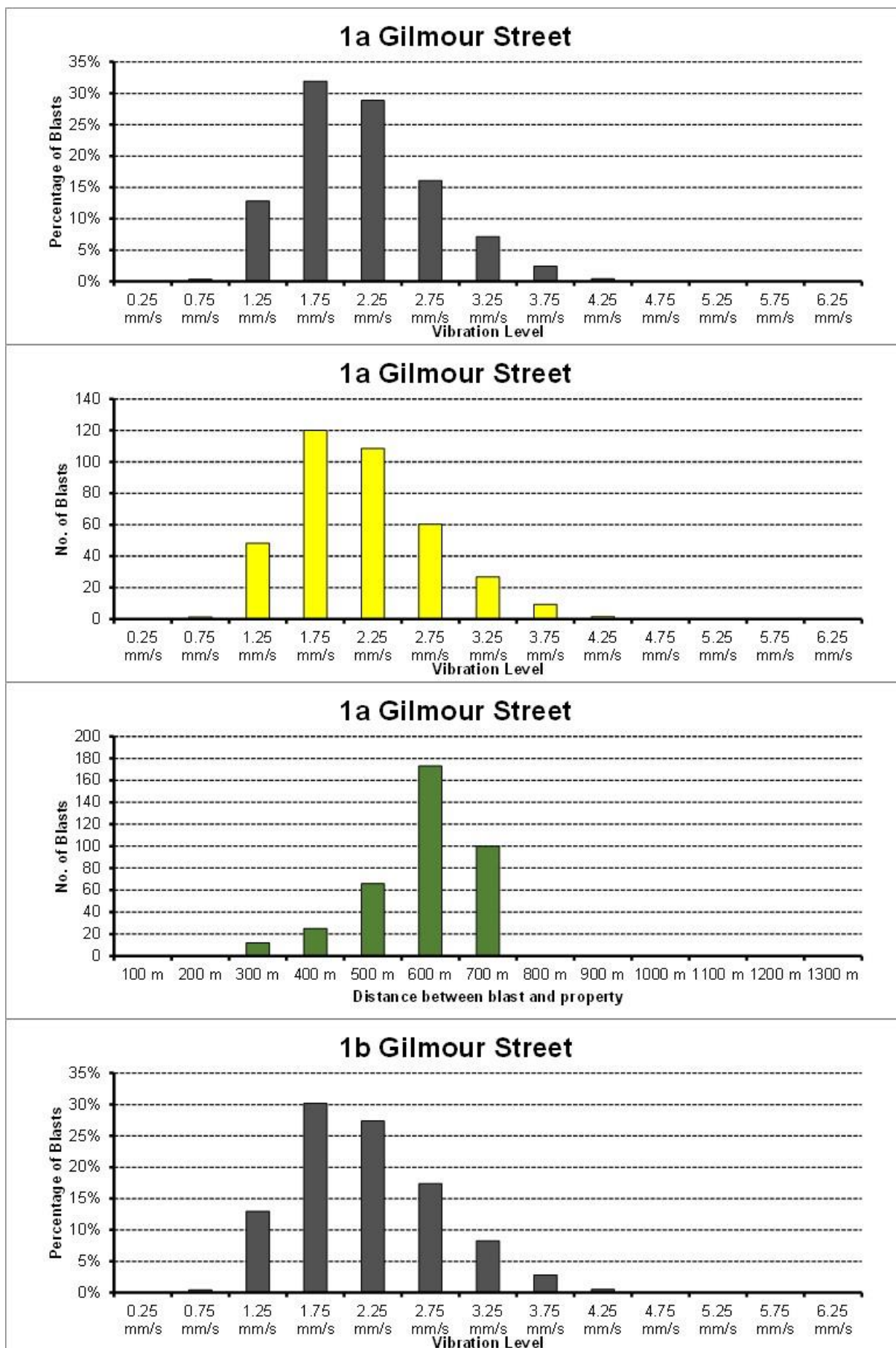


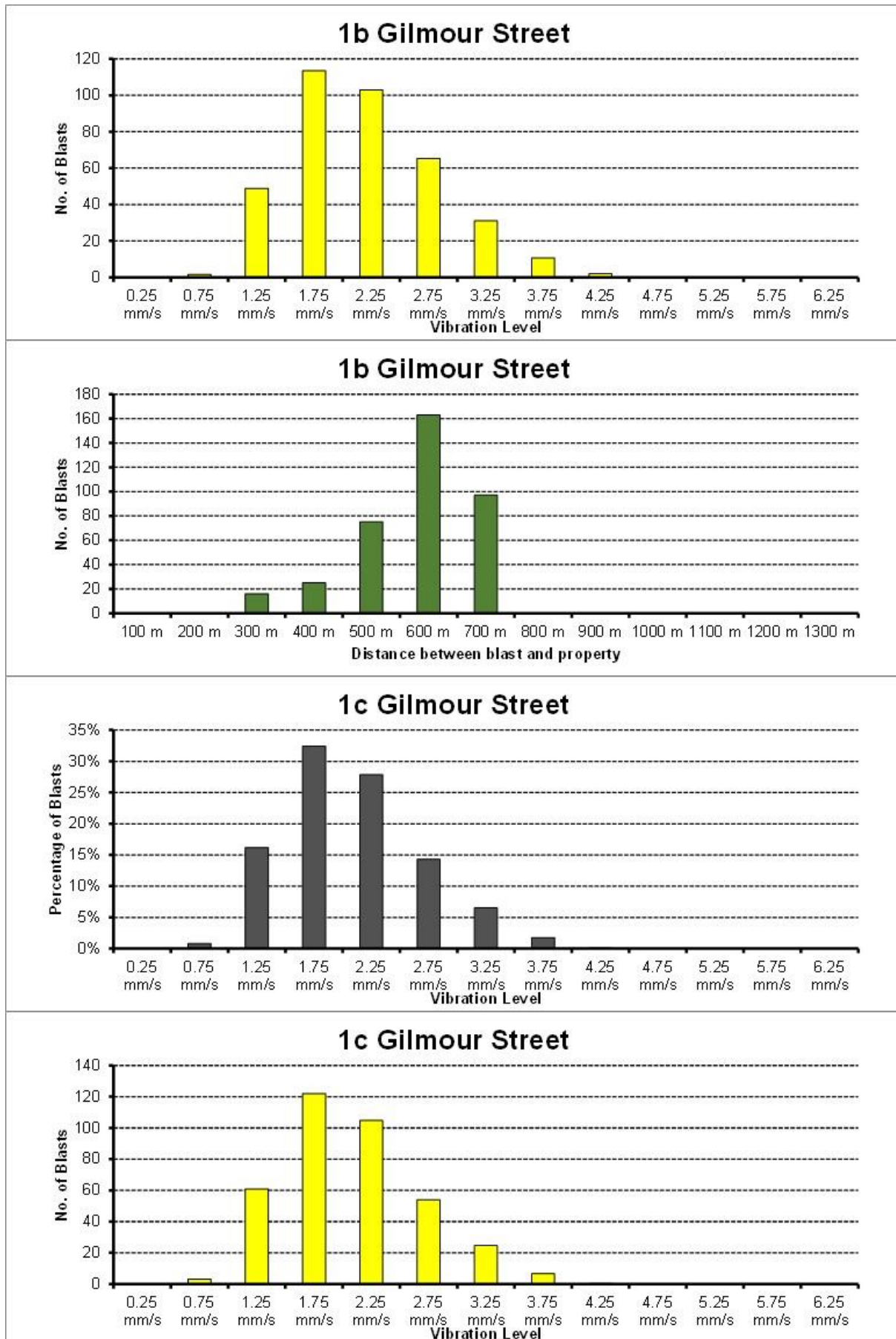




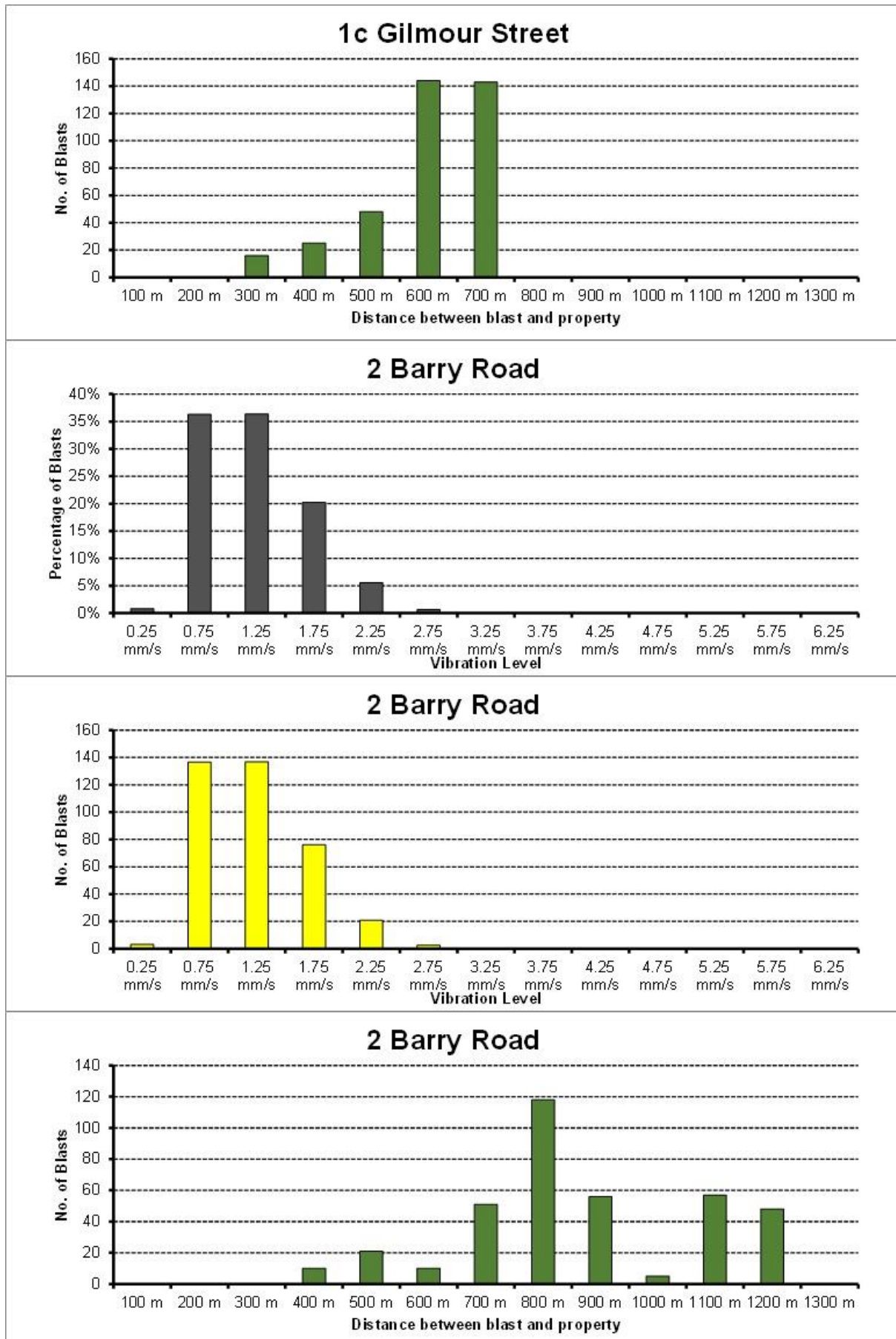




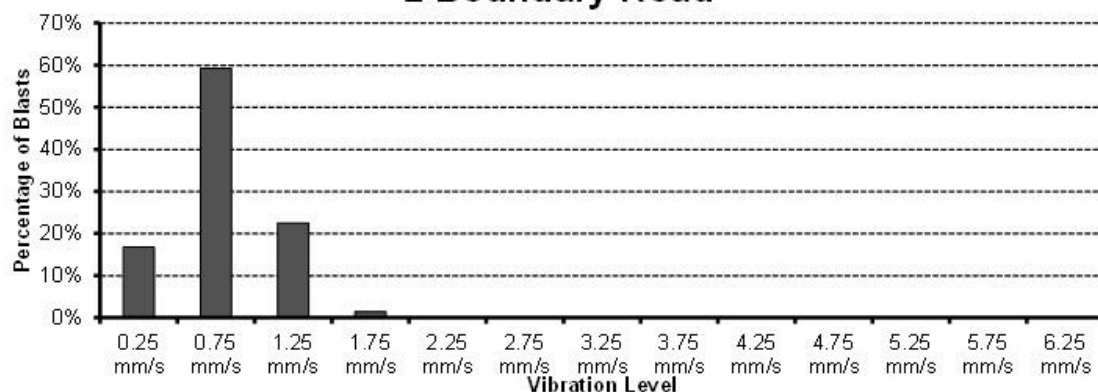




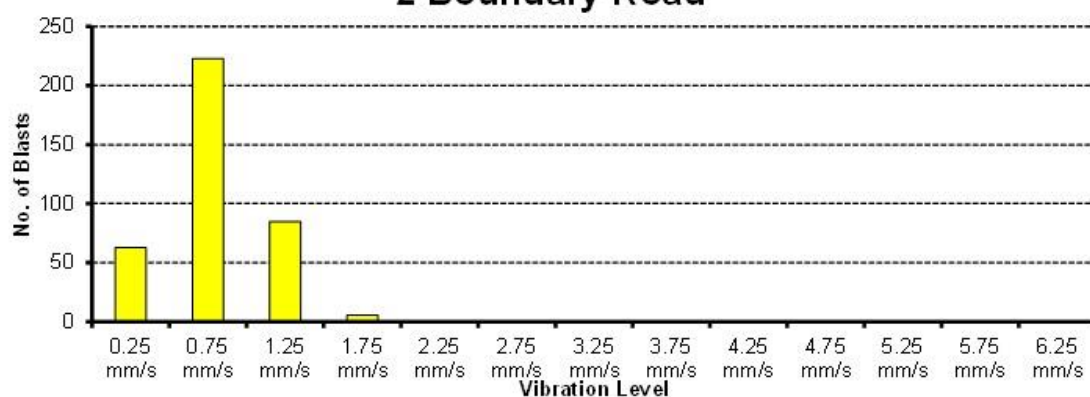




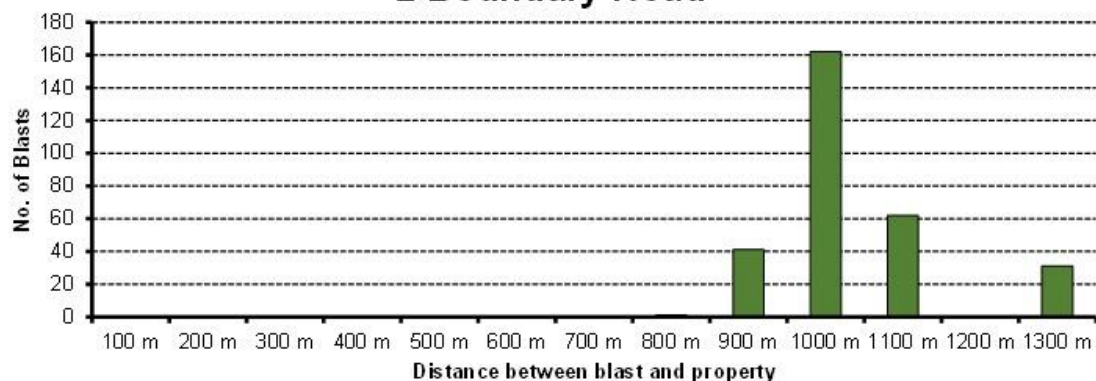
## 2 Boundary Road



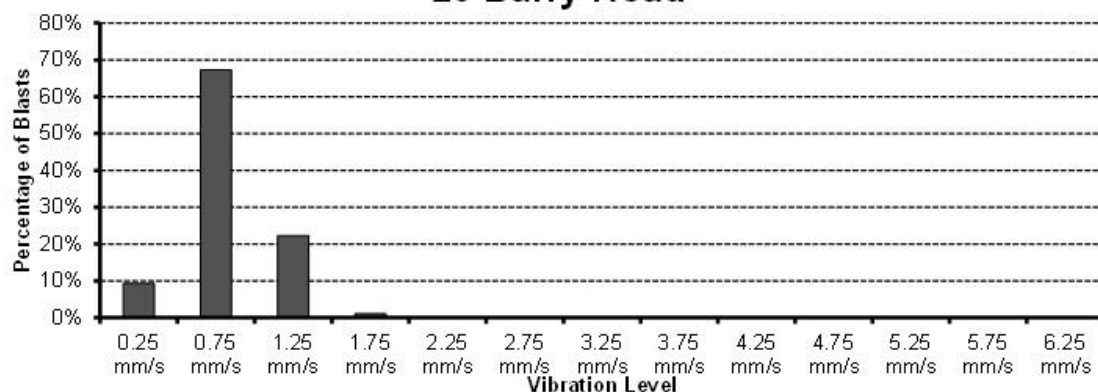
## 2 Boundary Road

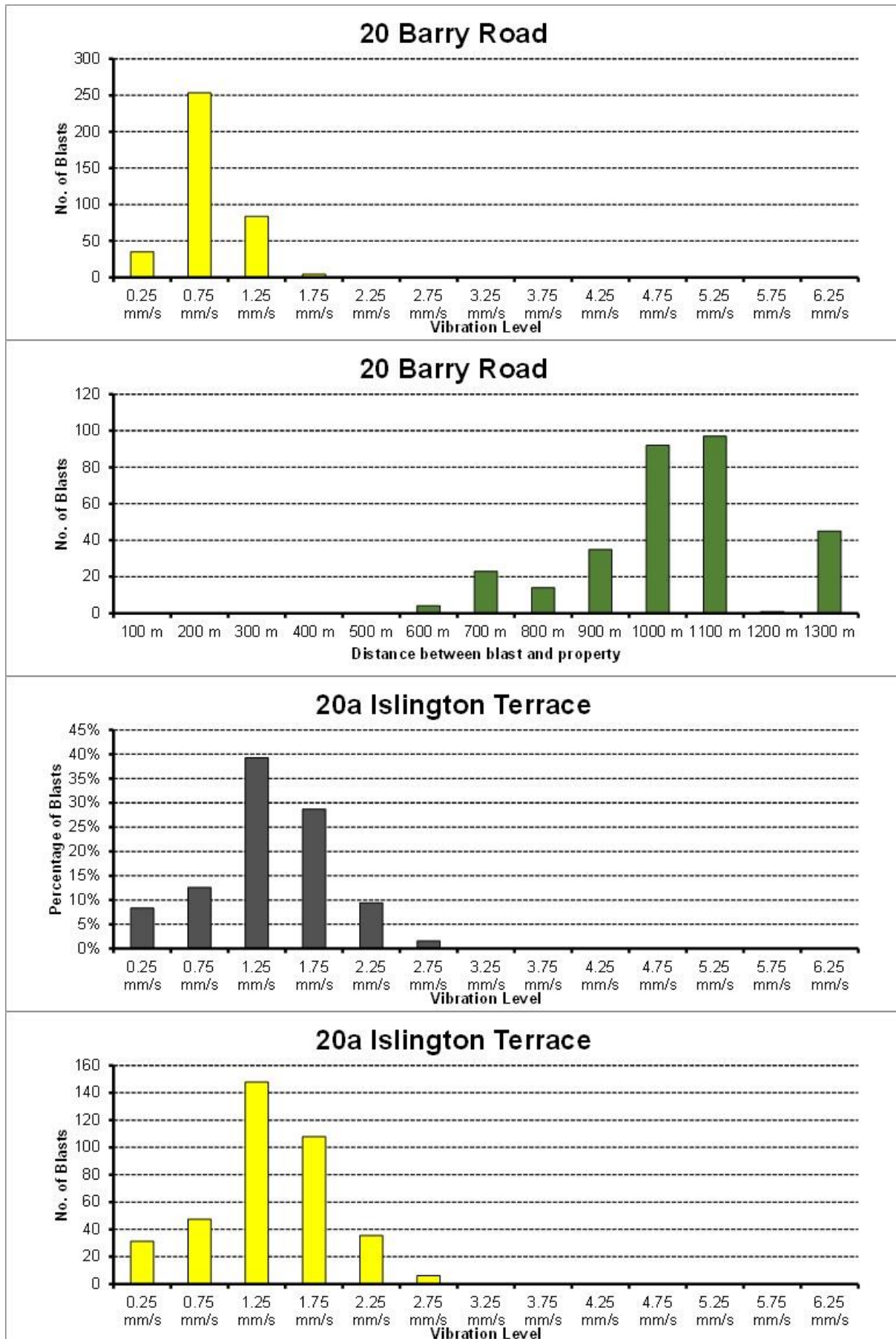


## 2 Boundary Road

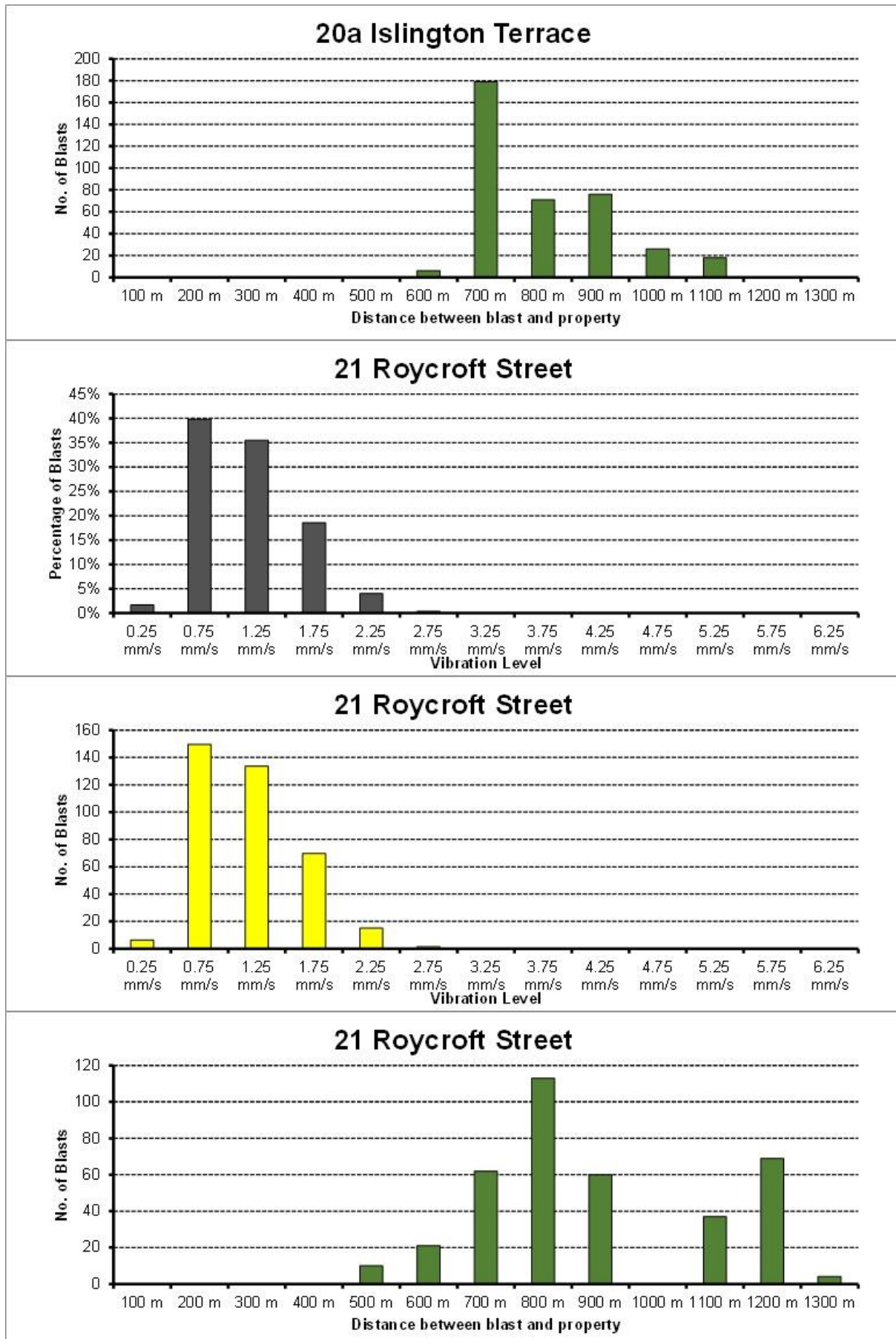


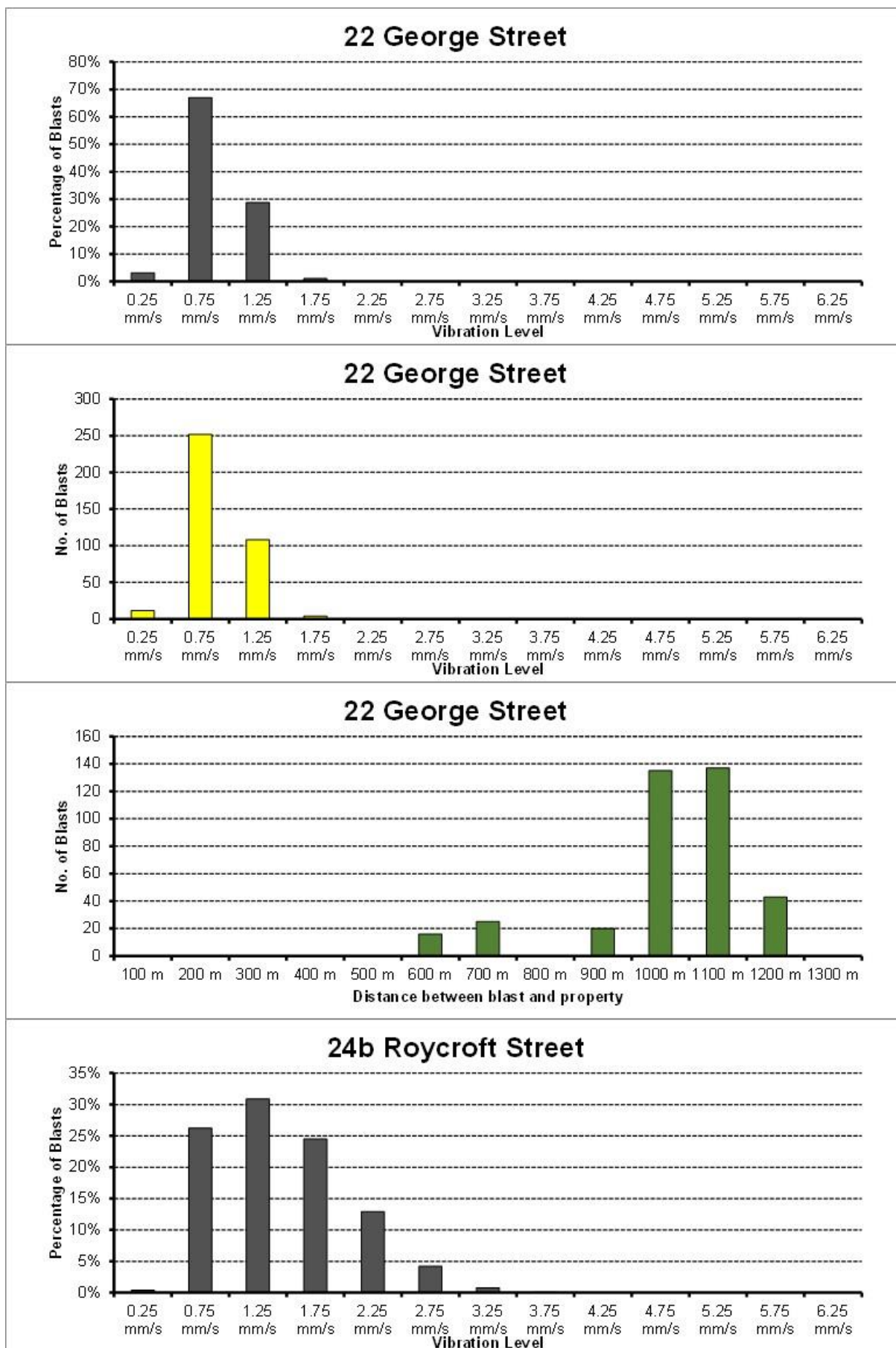
## 20 Barry Road

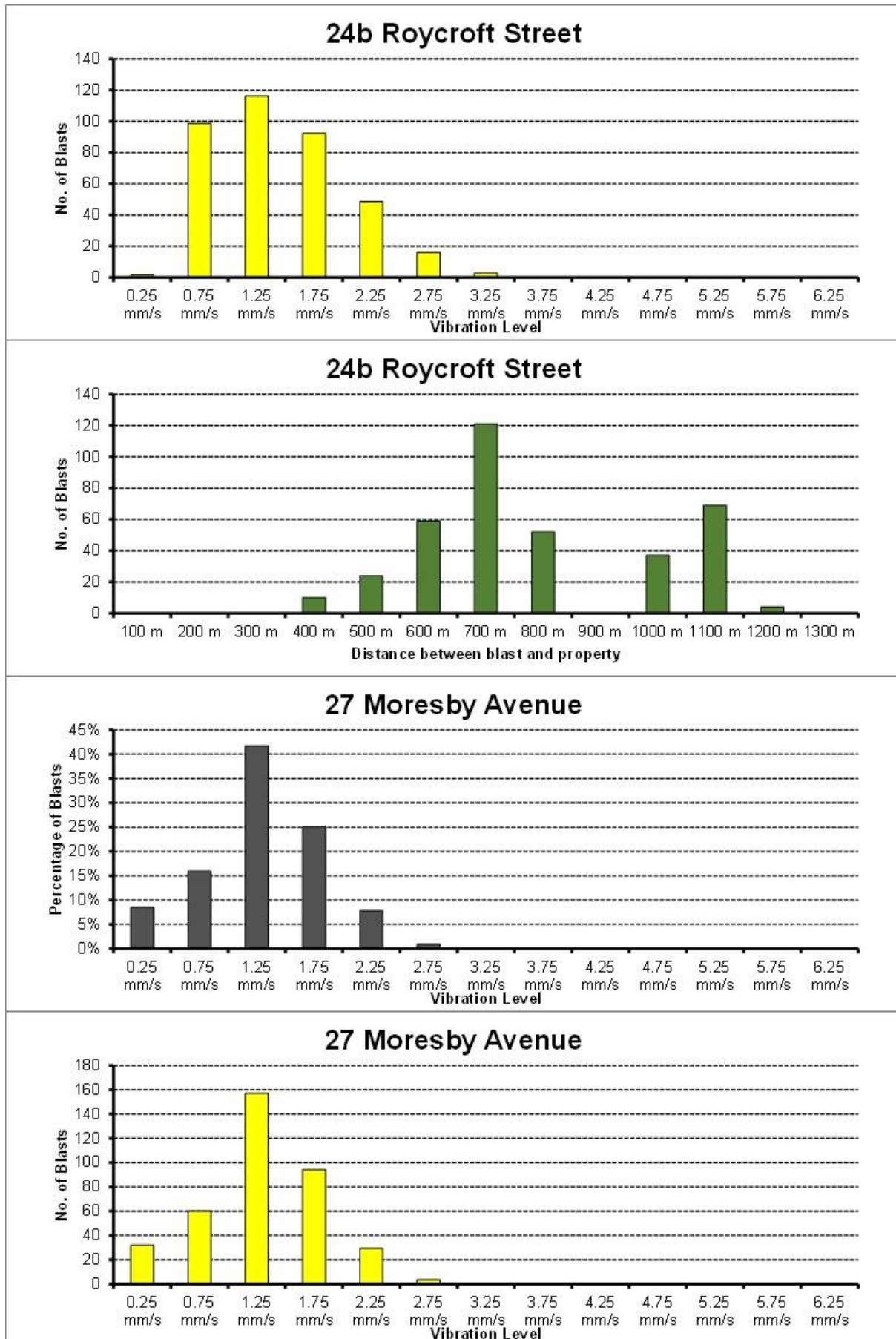




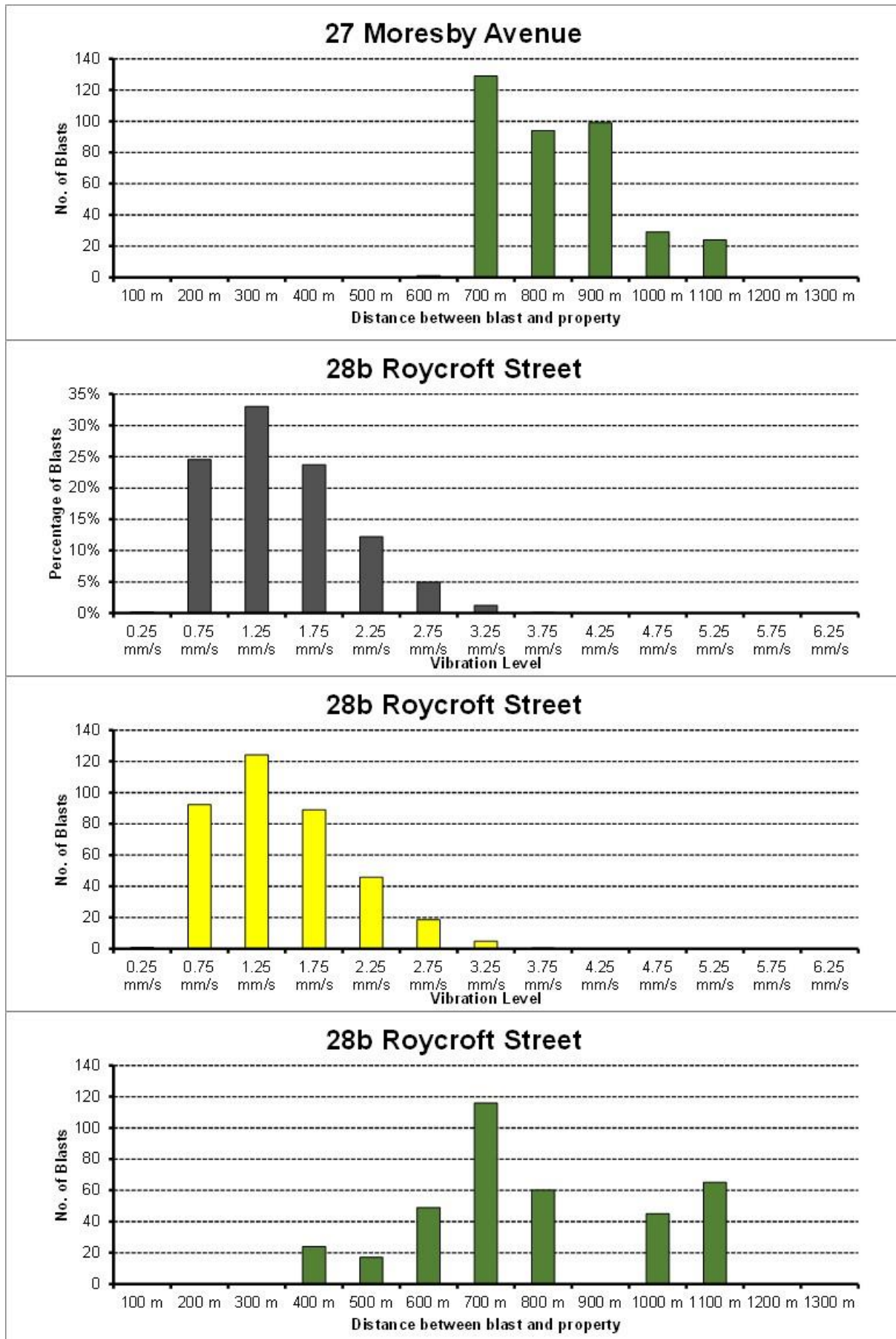


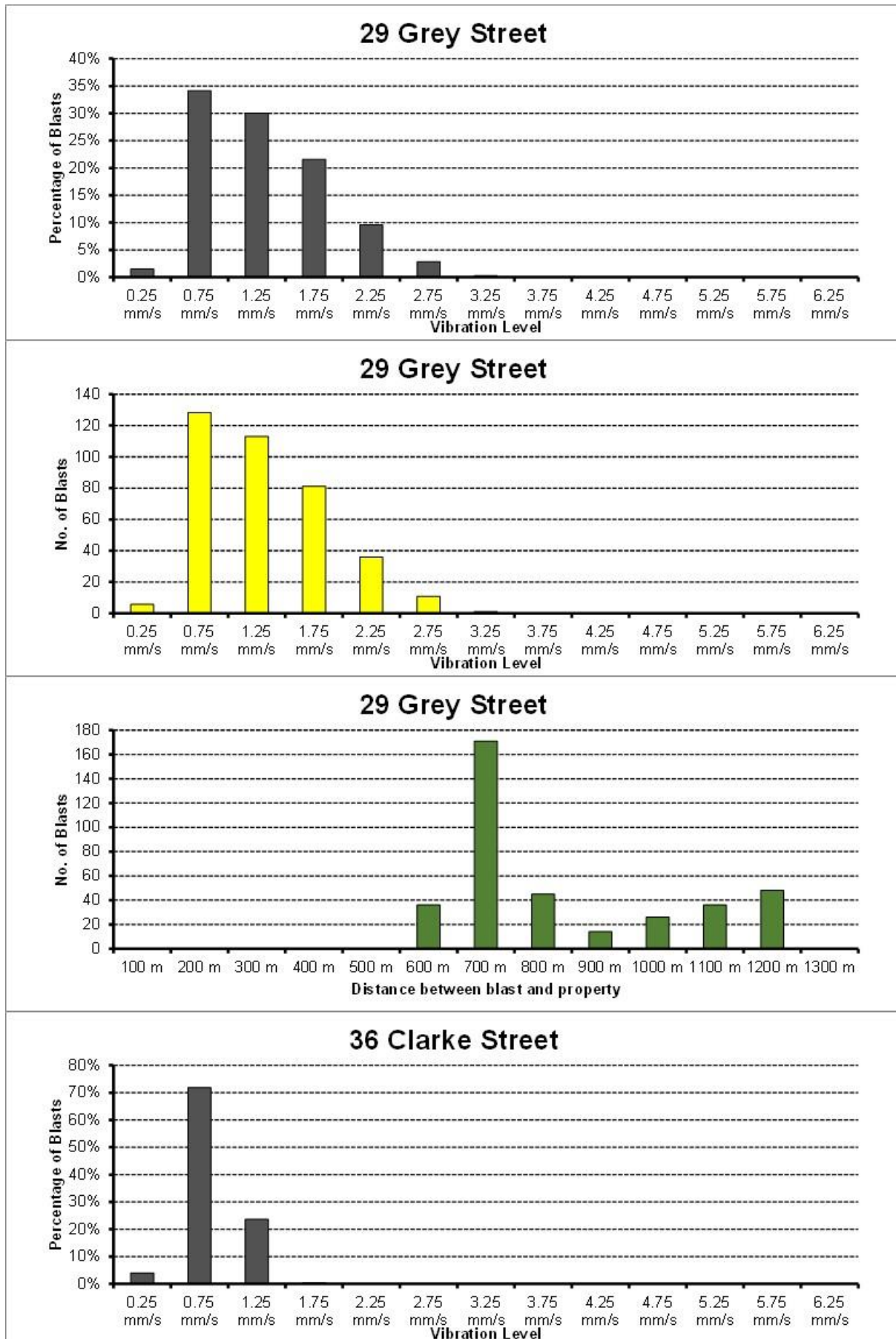






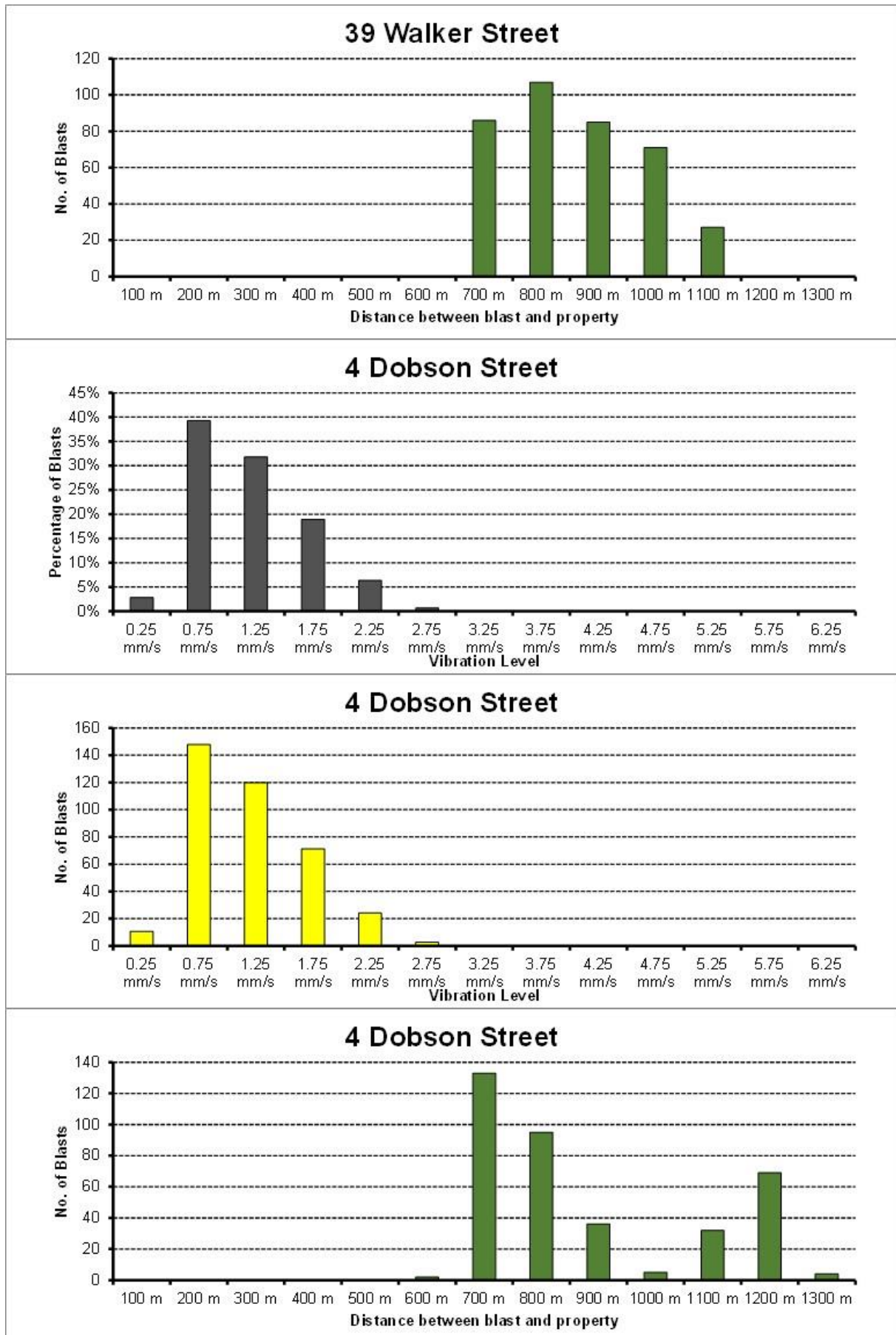


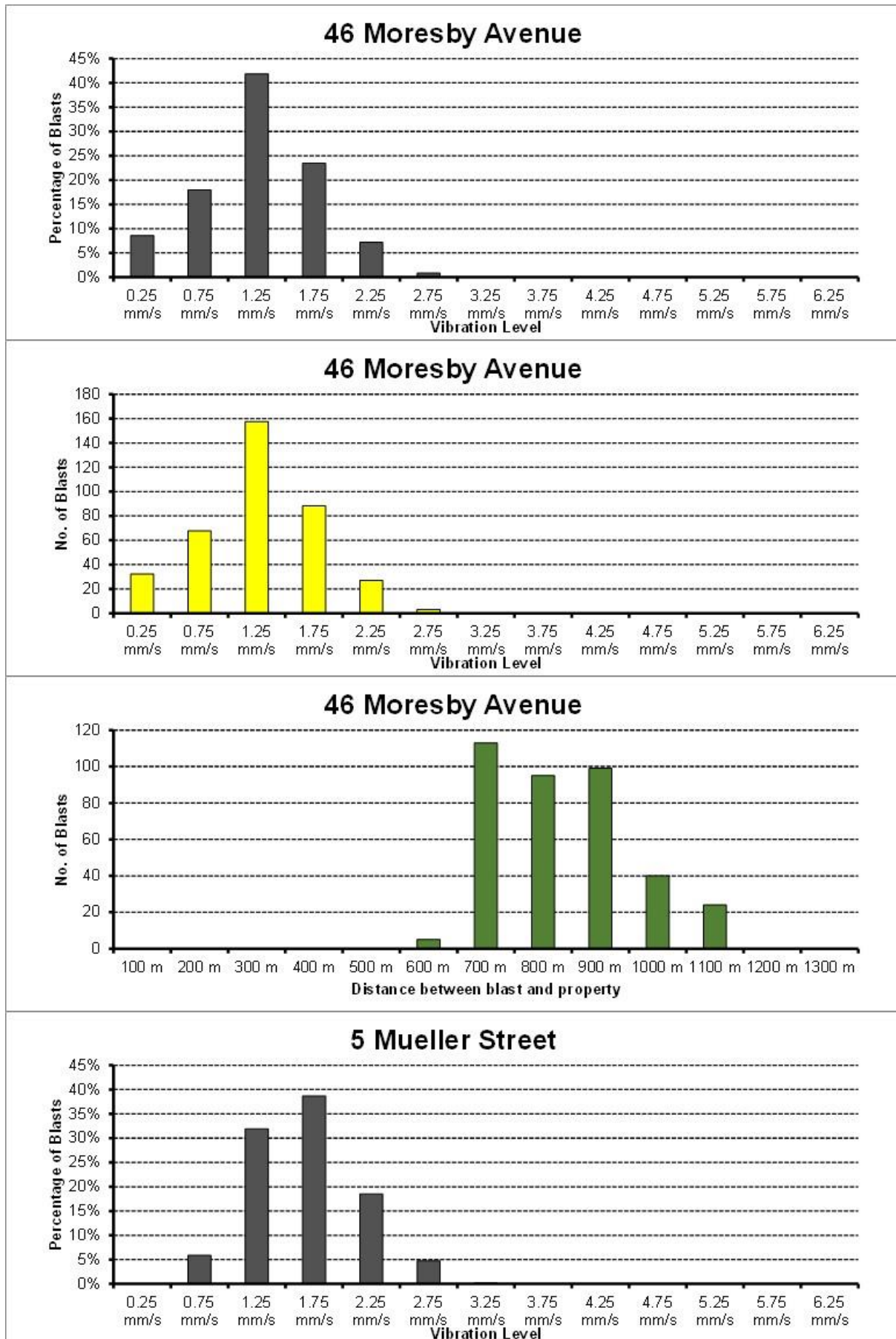


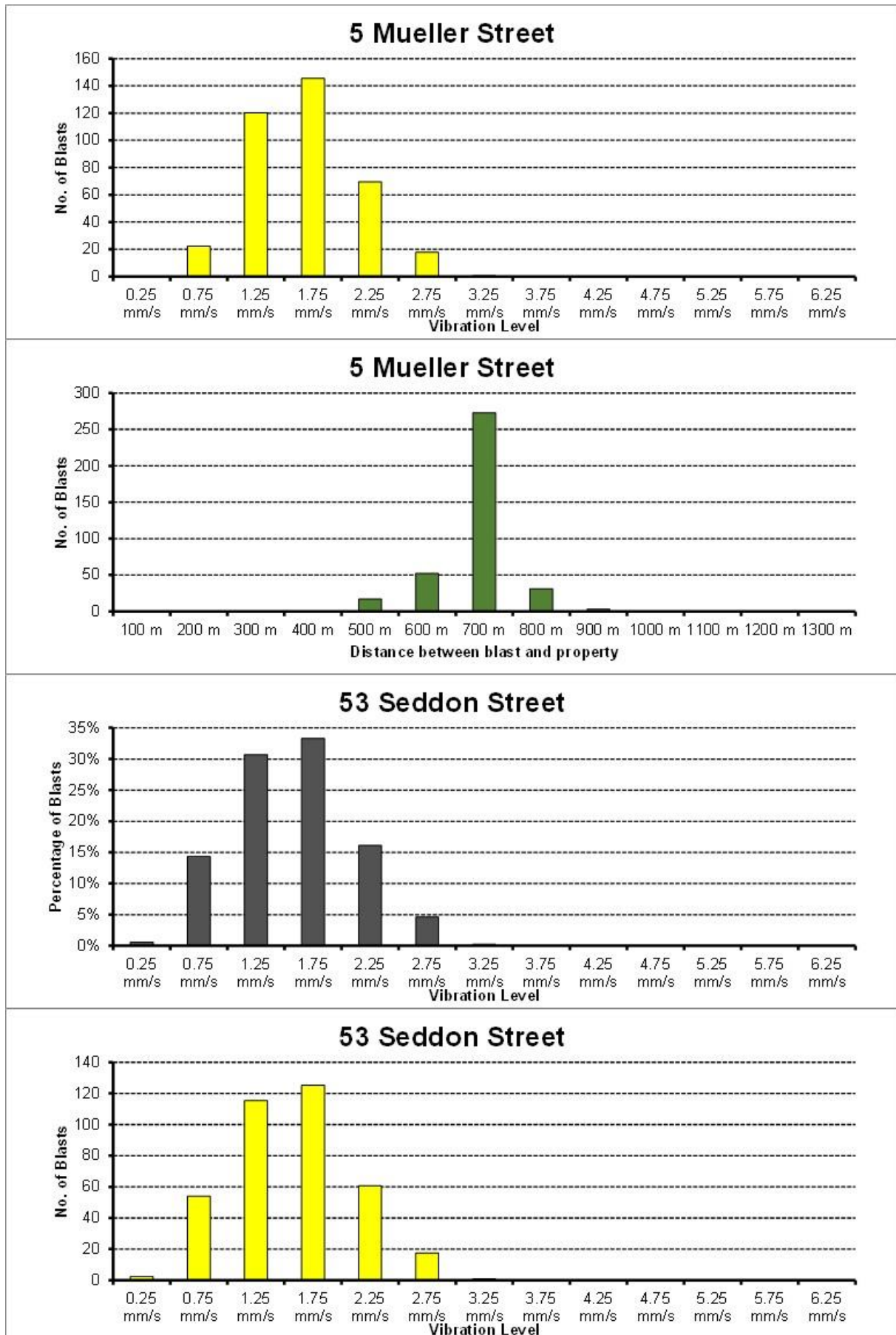






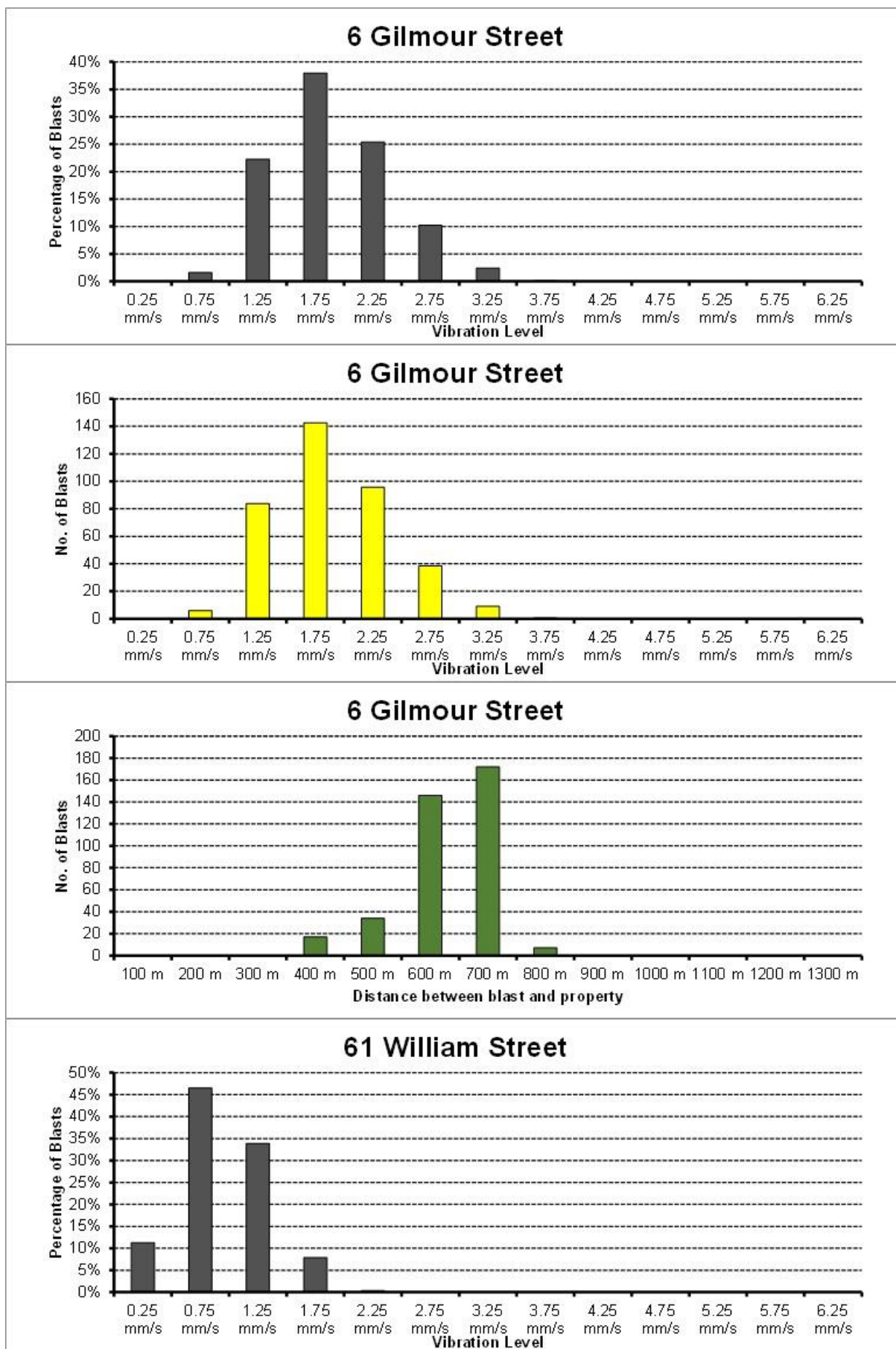


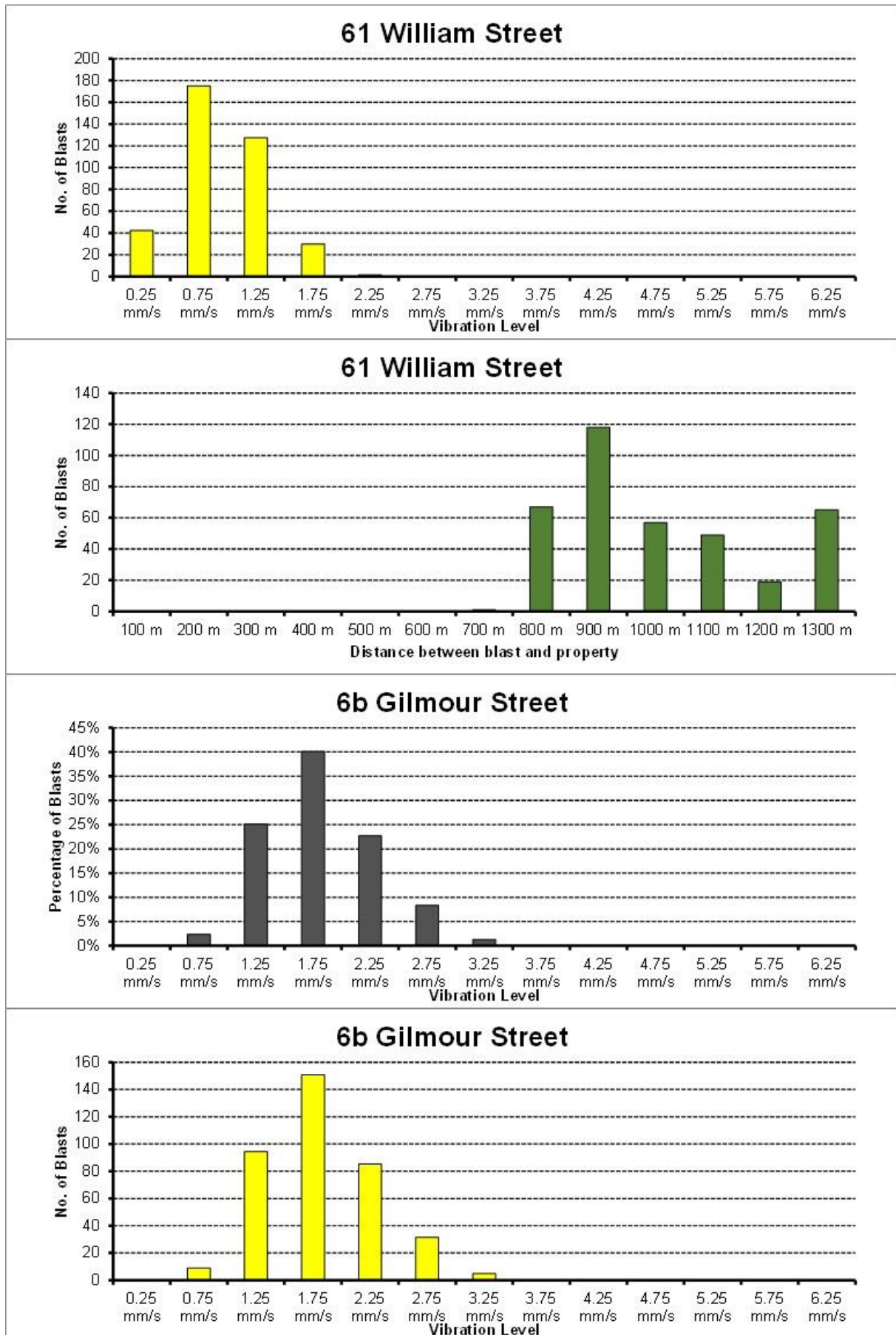




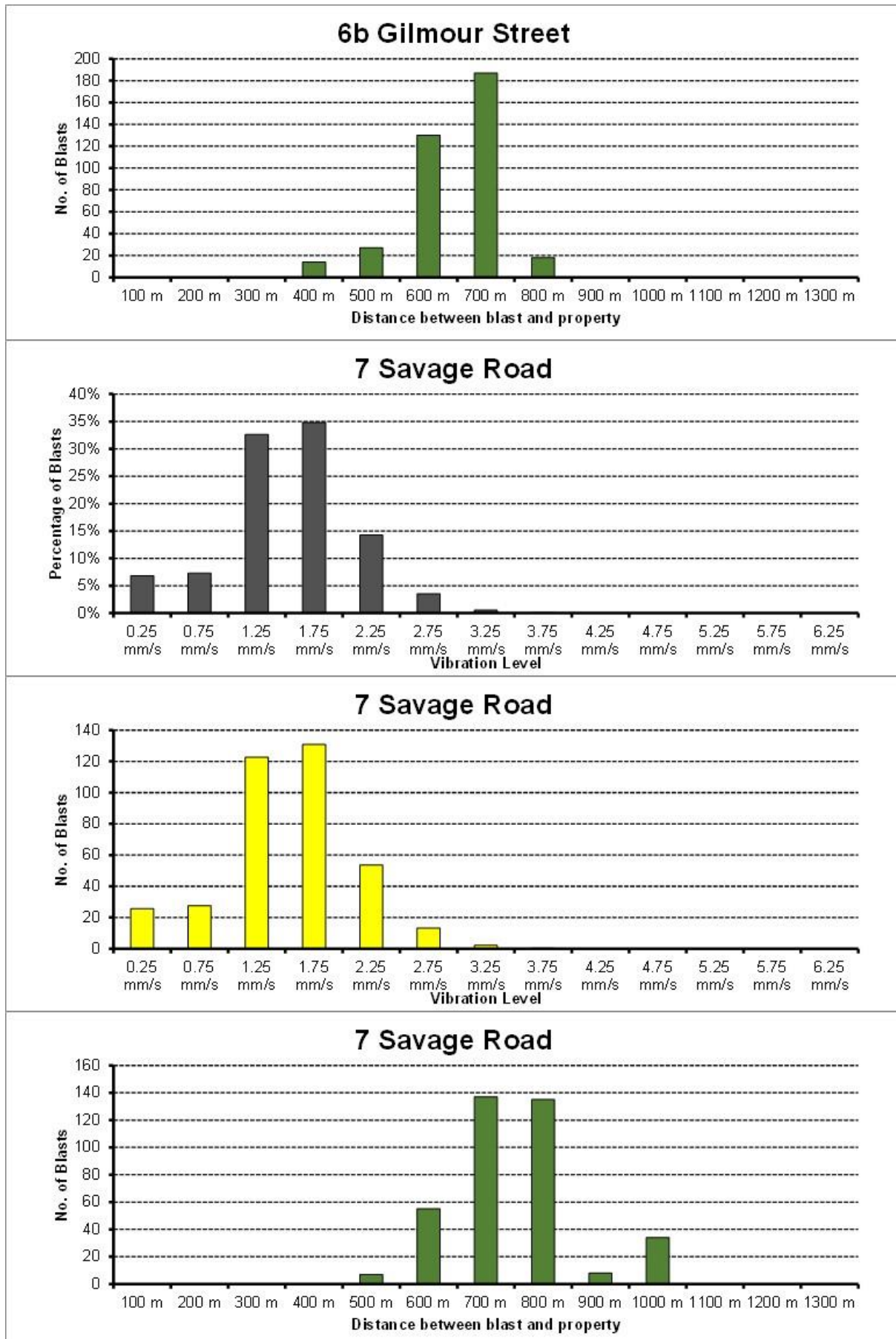


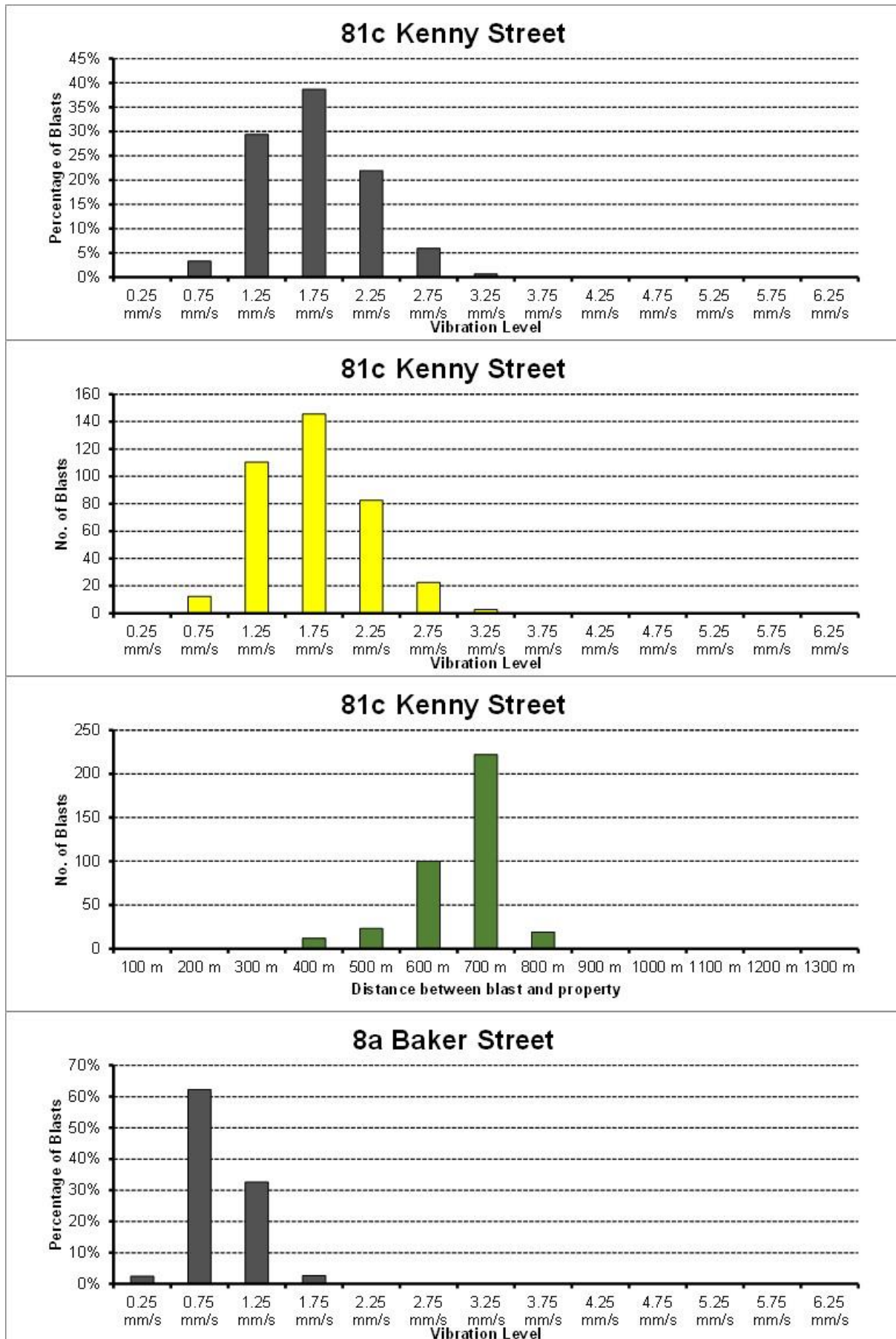


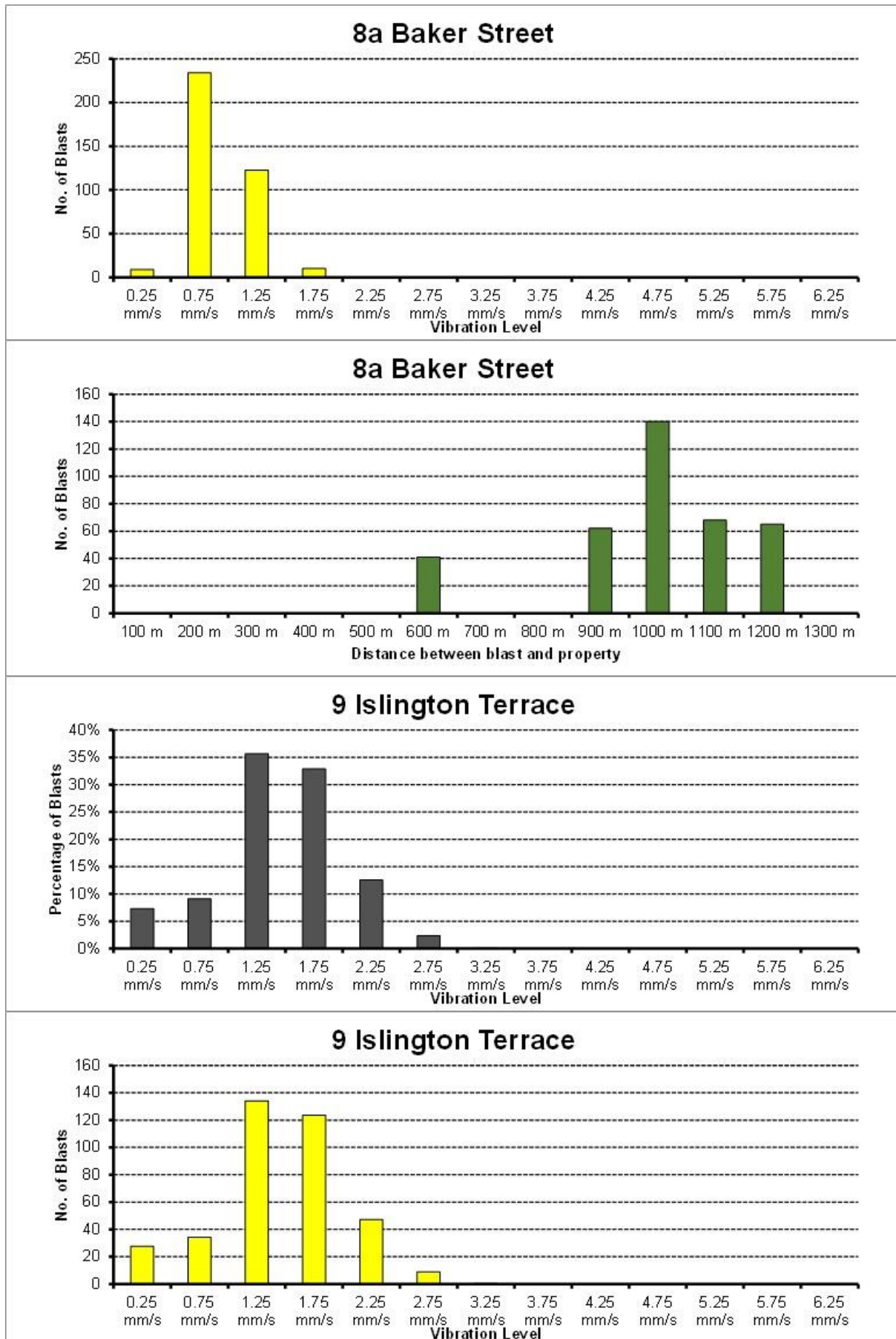




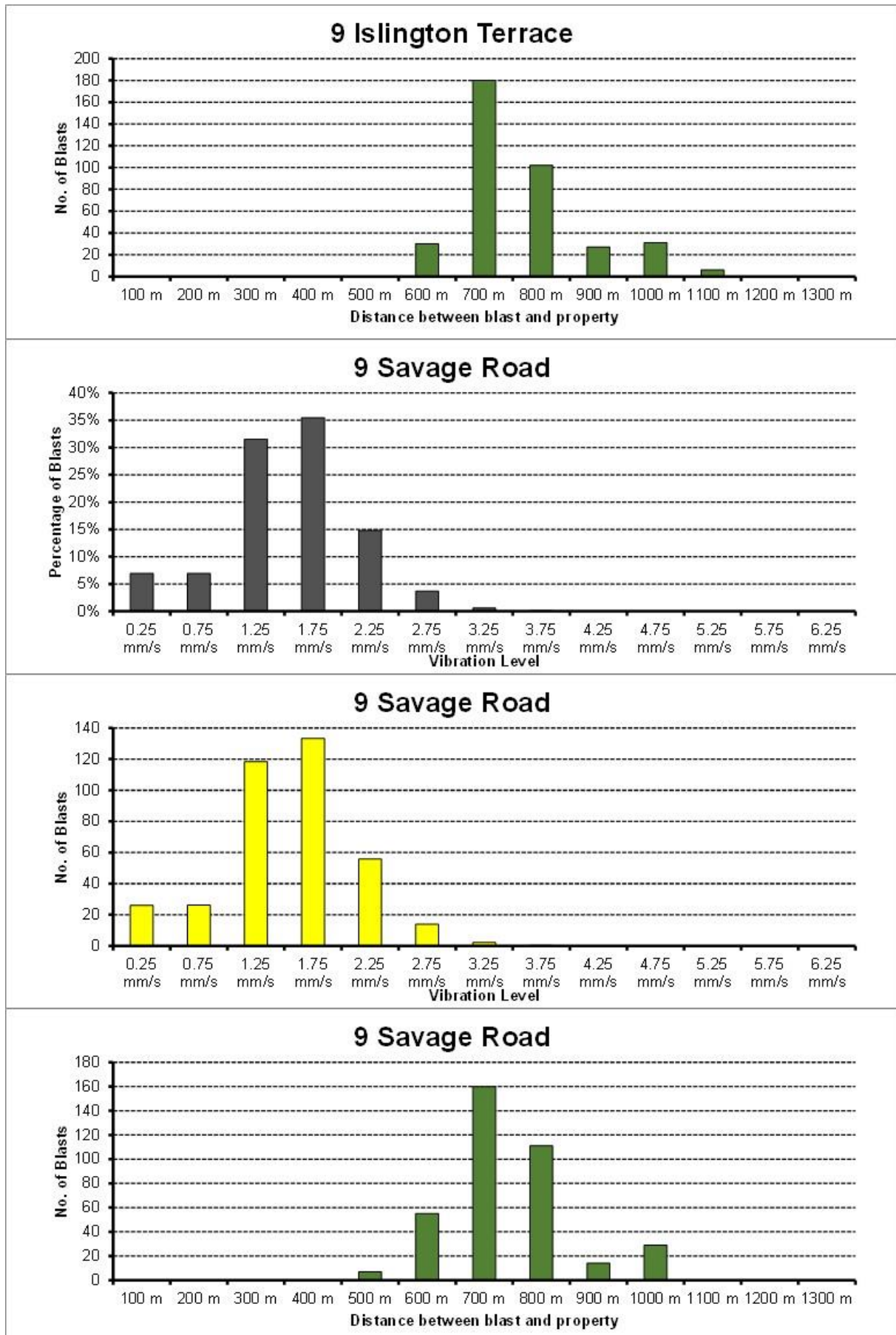


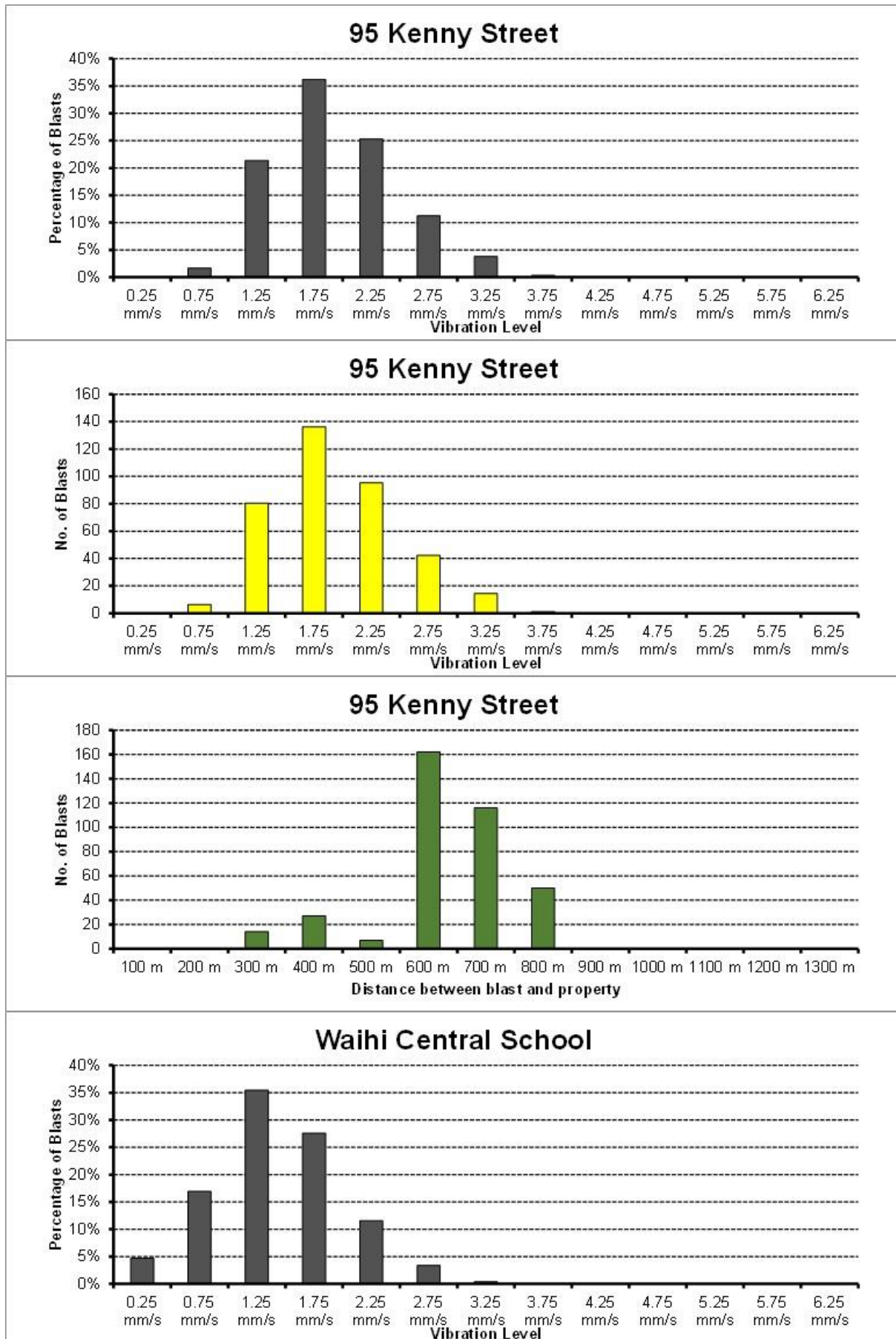


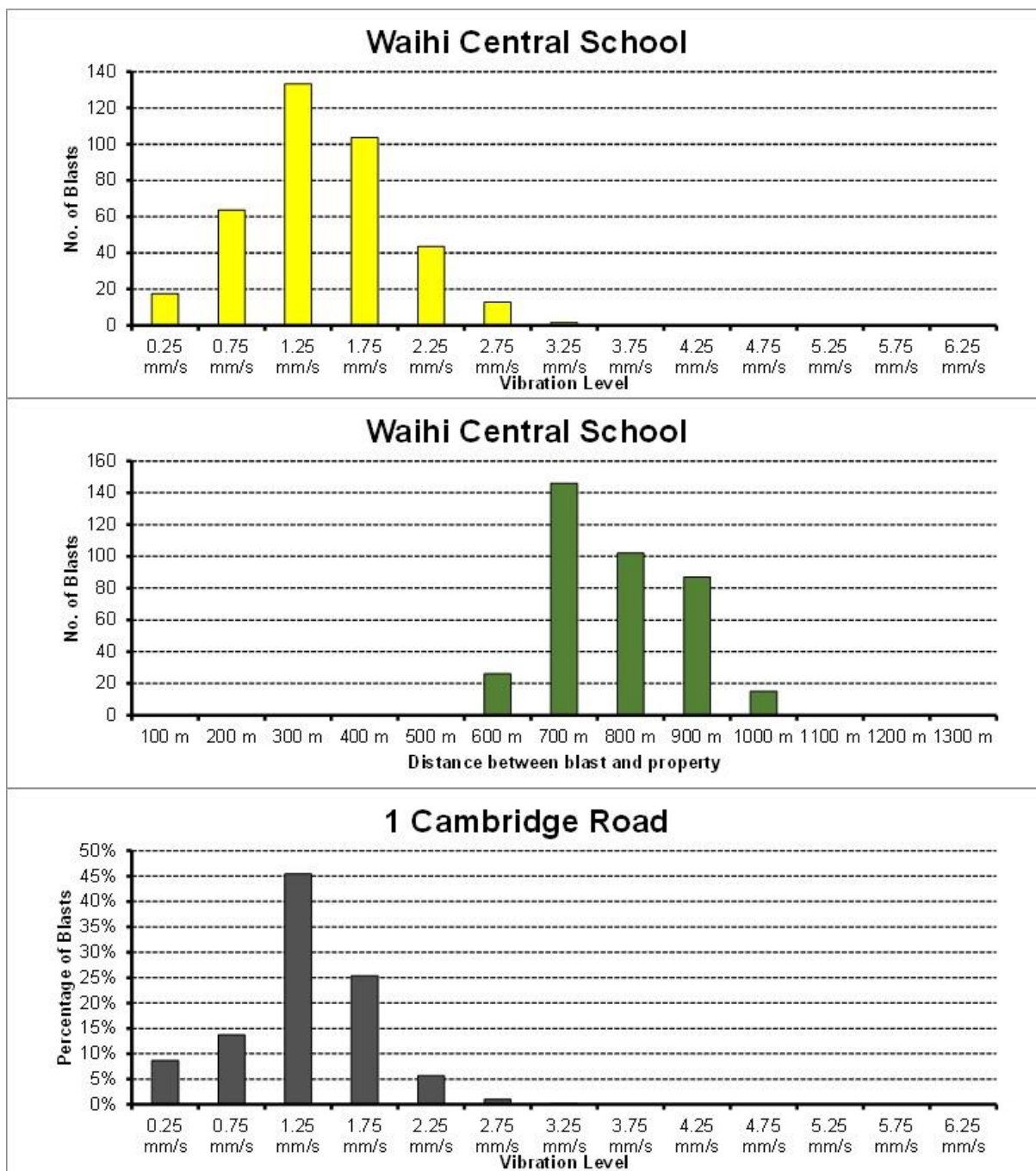




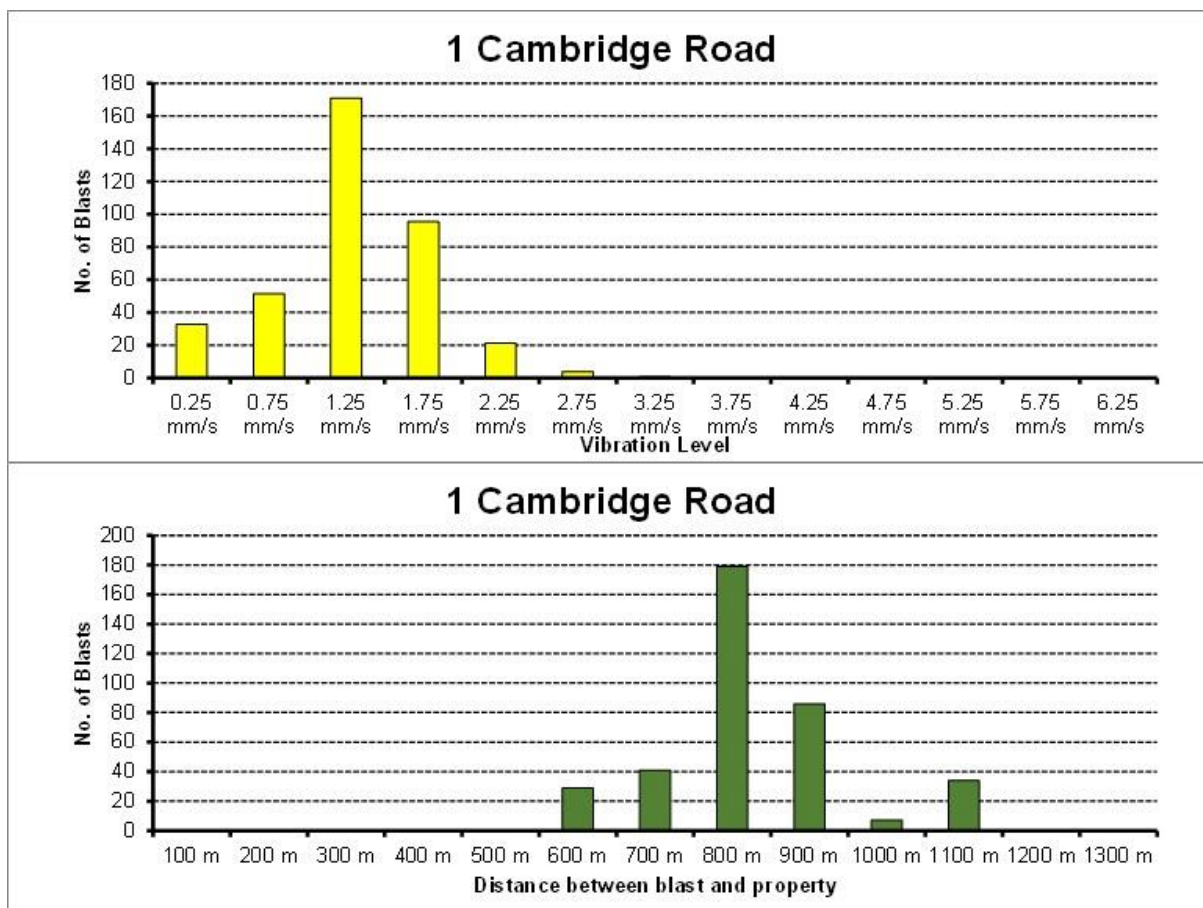




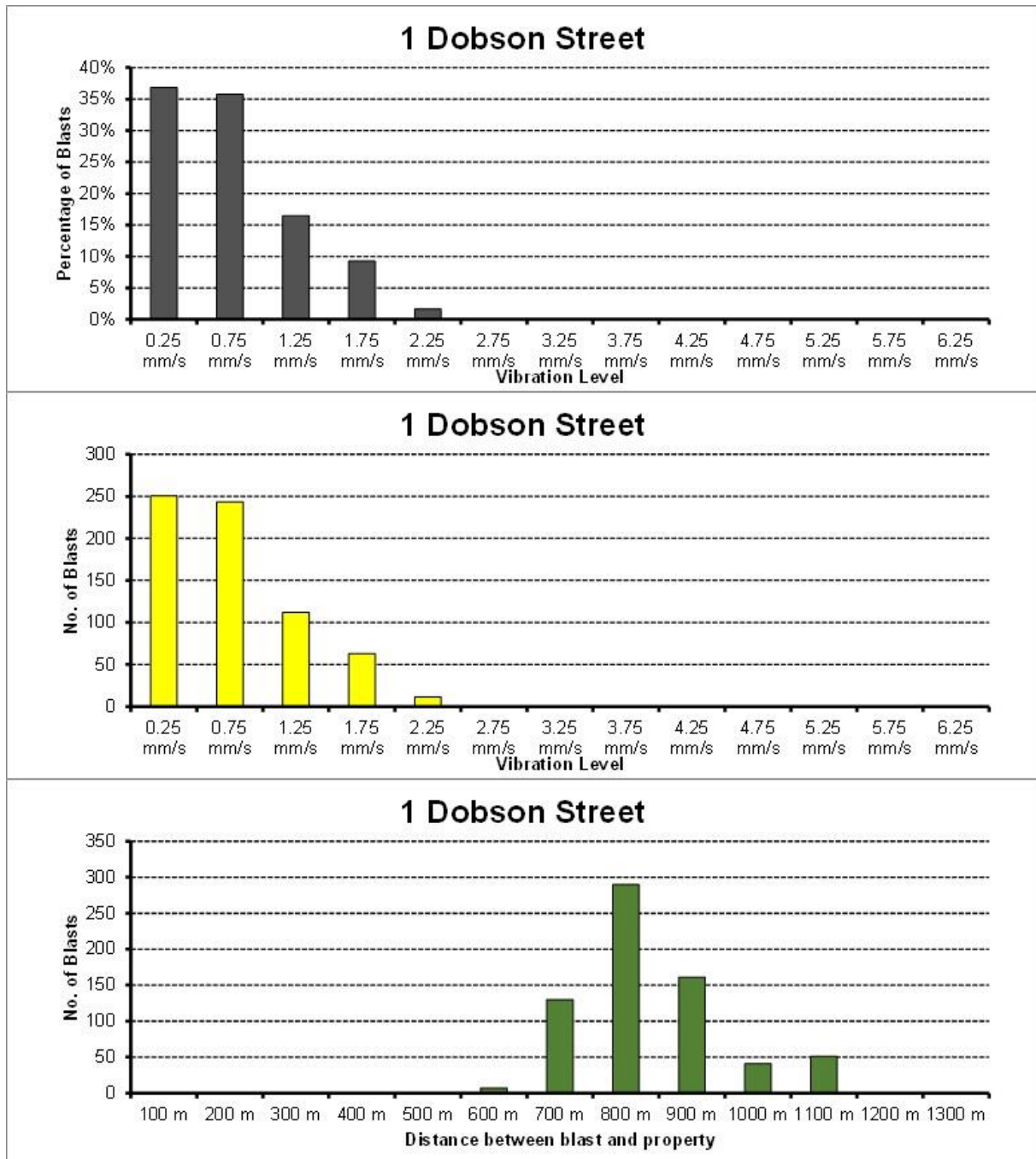


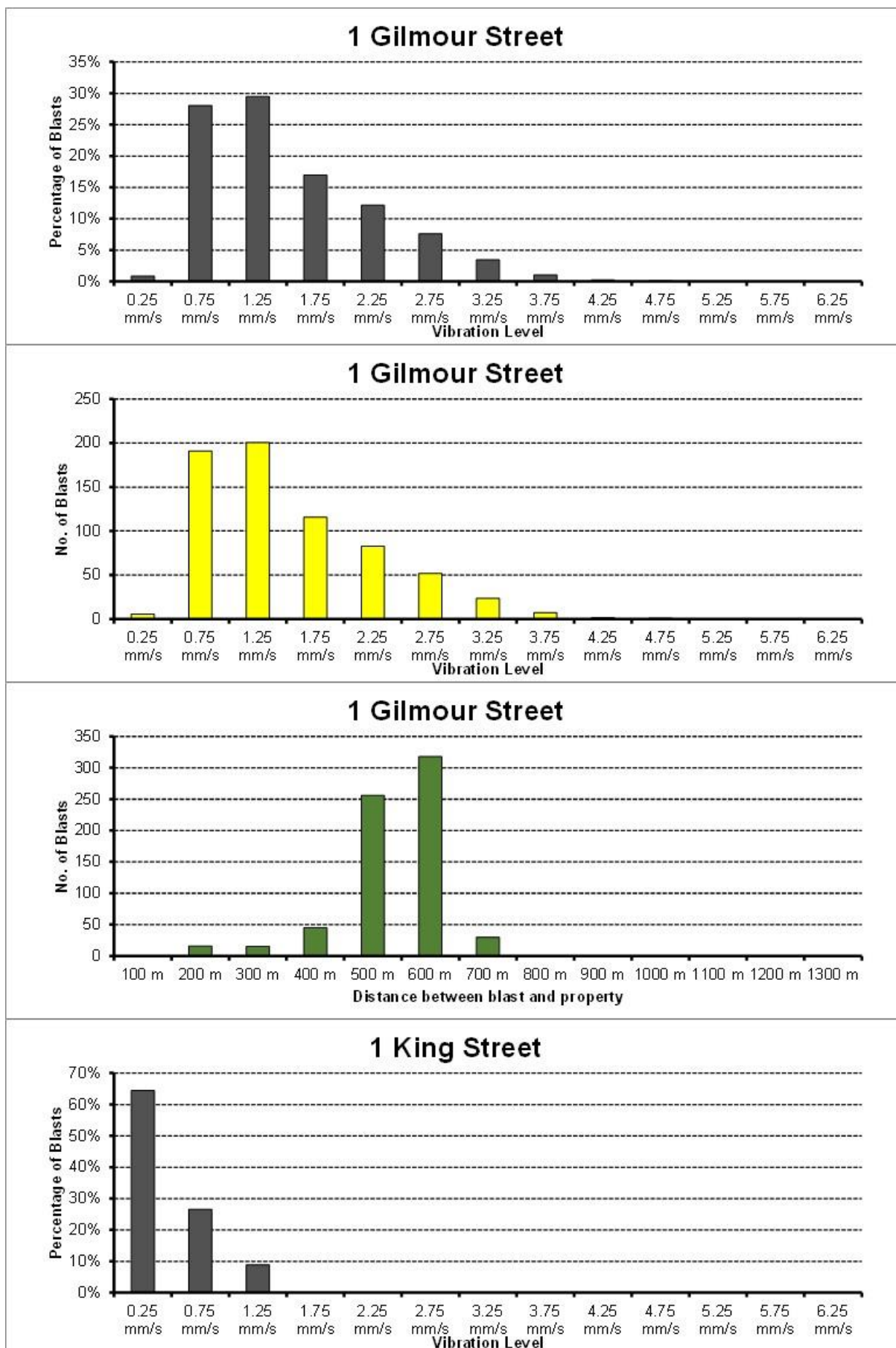




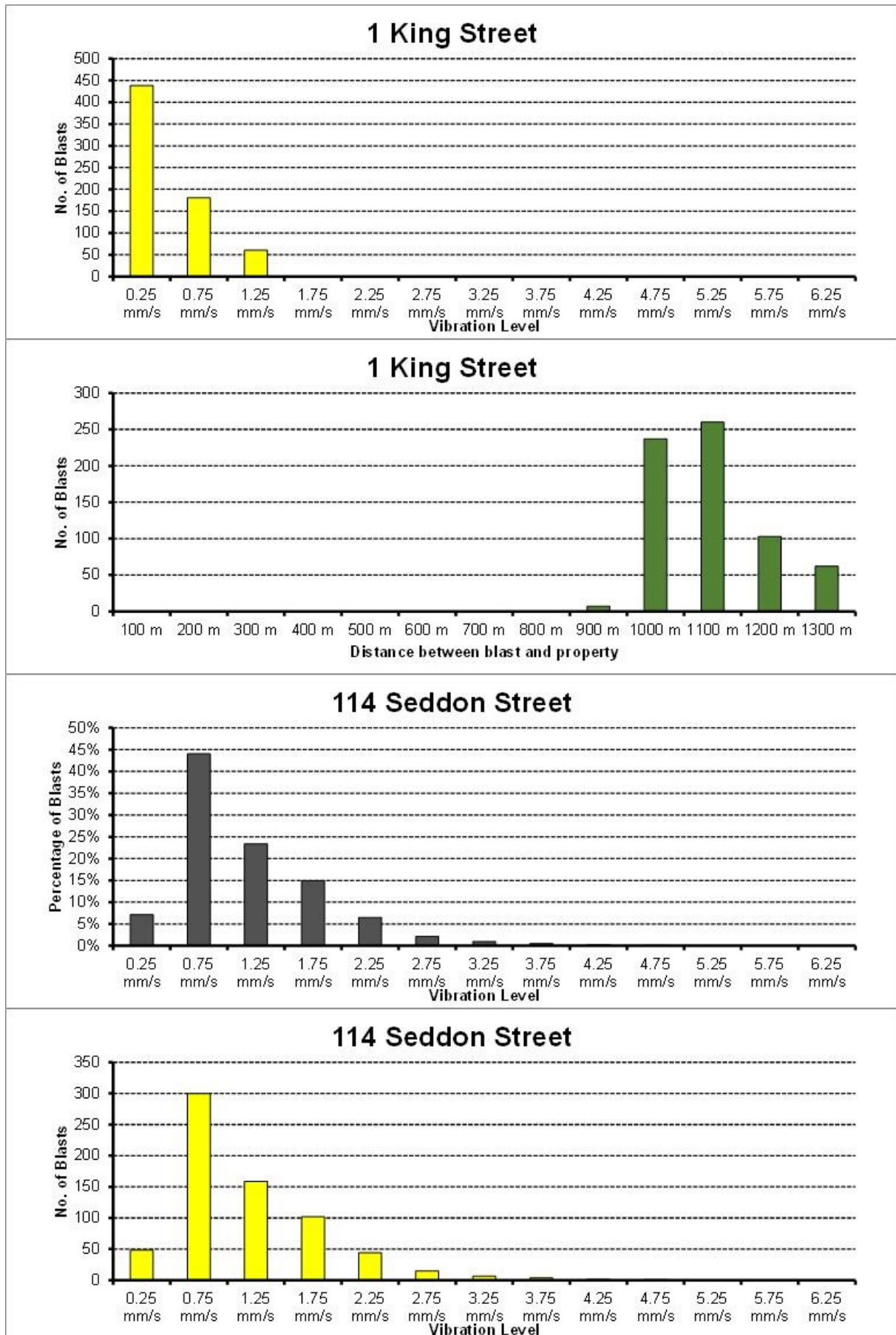


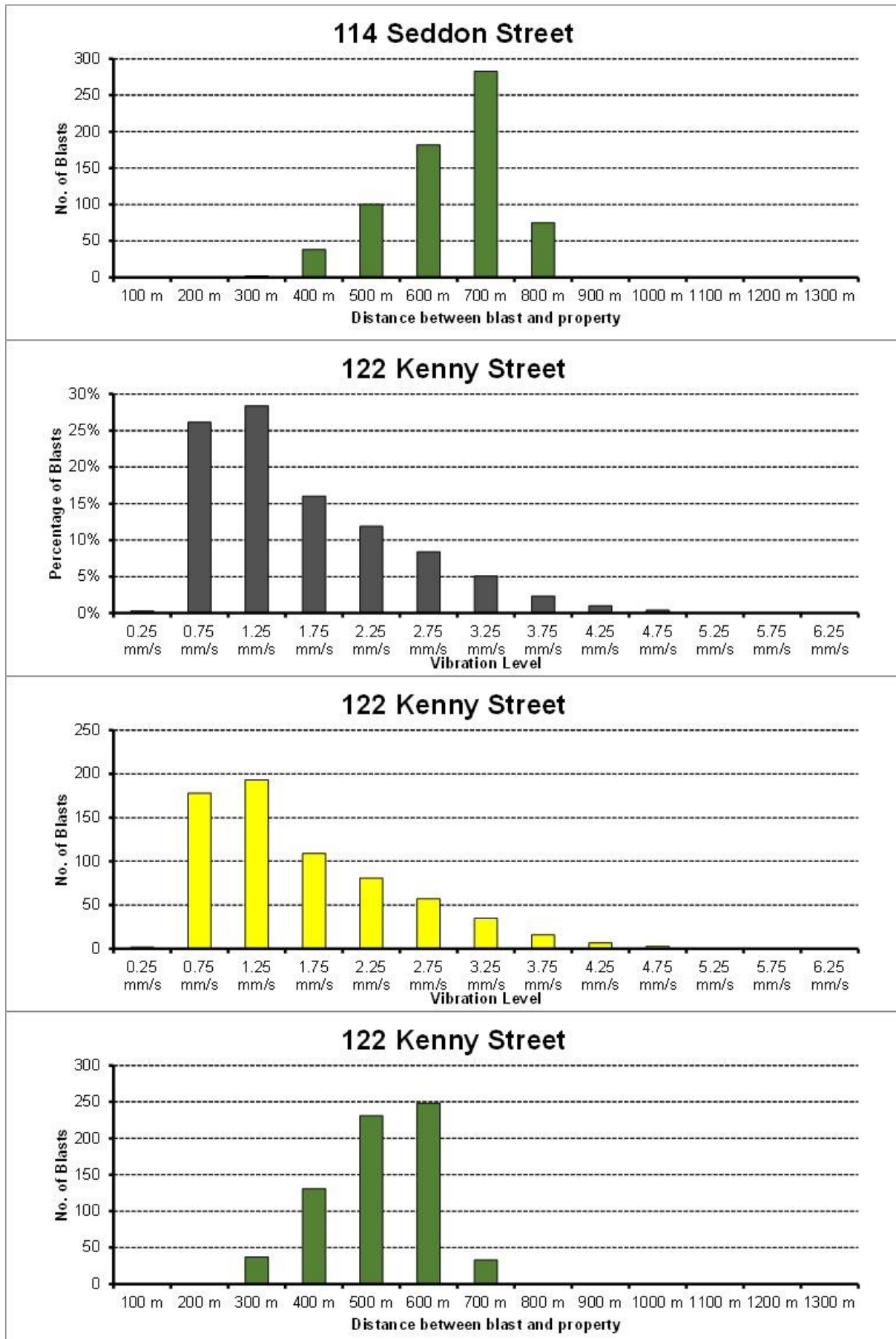
## 10. MARTHA PROJECT 2029

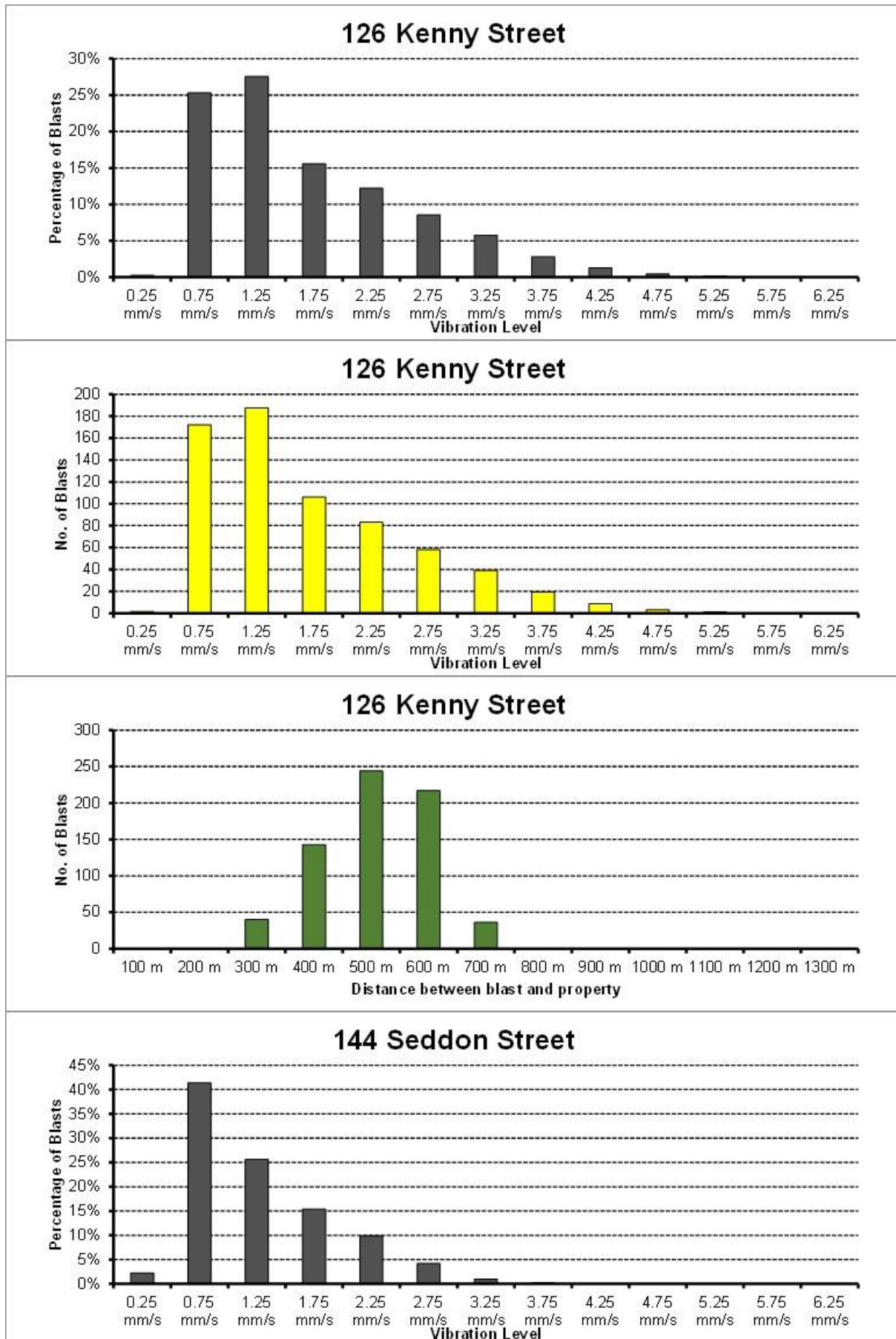




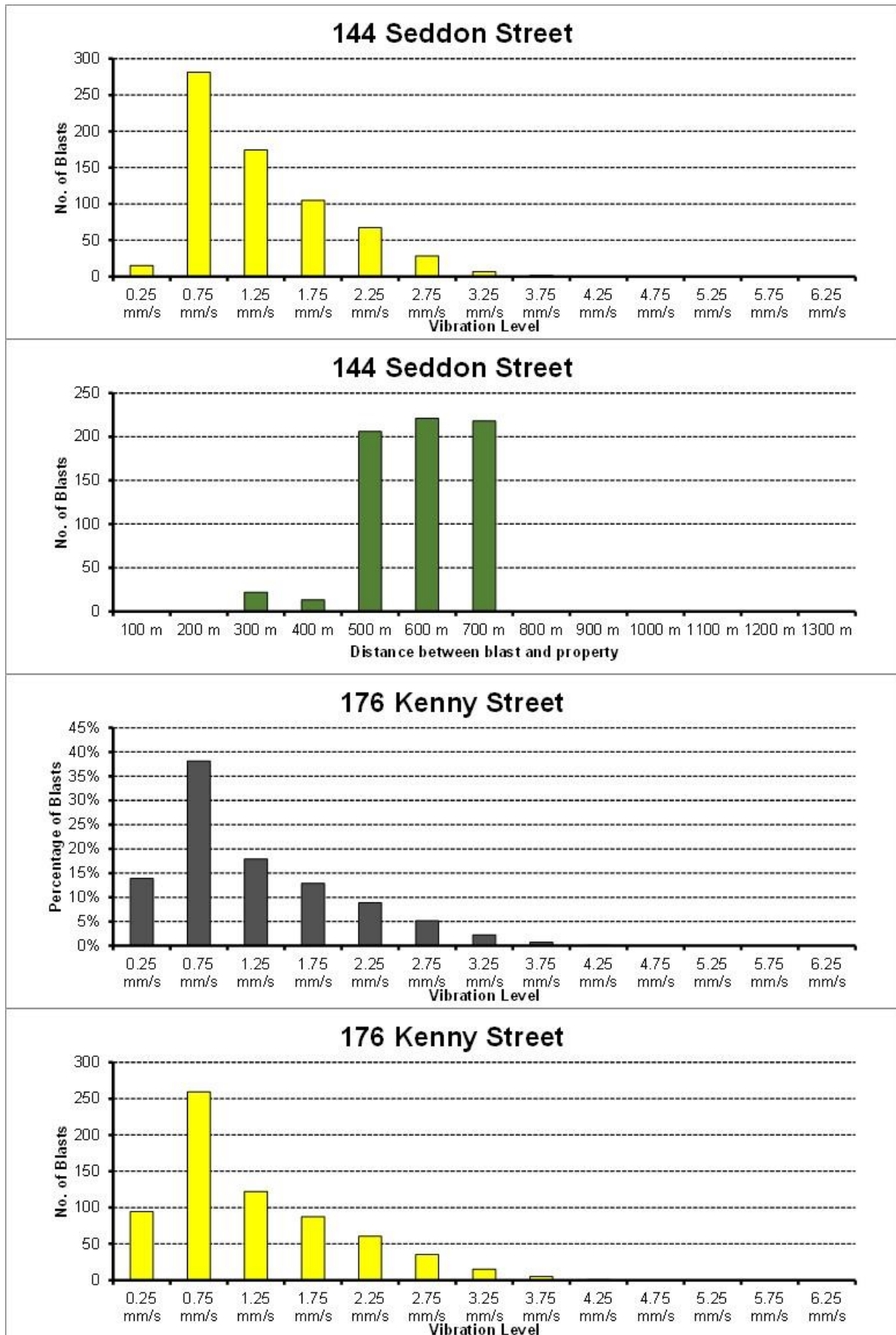


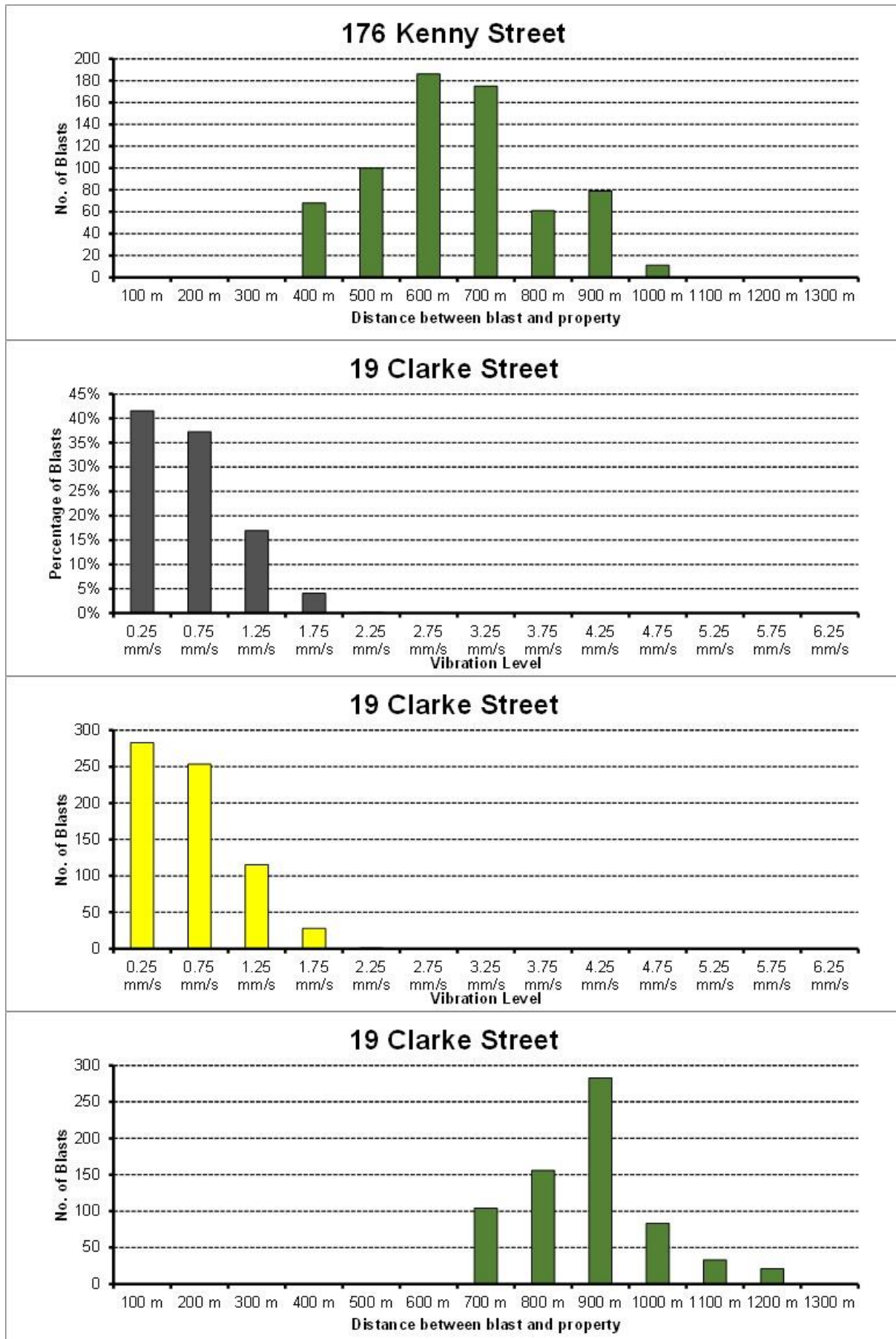




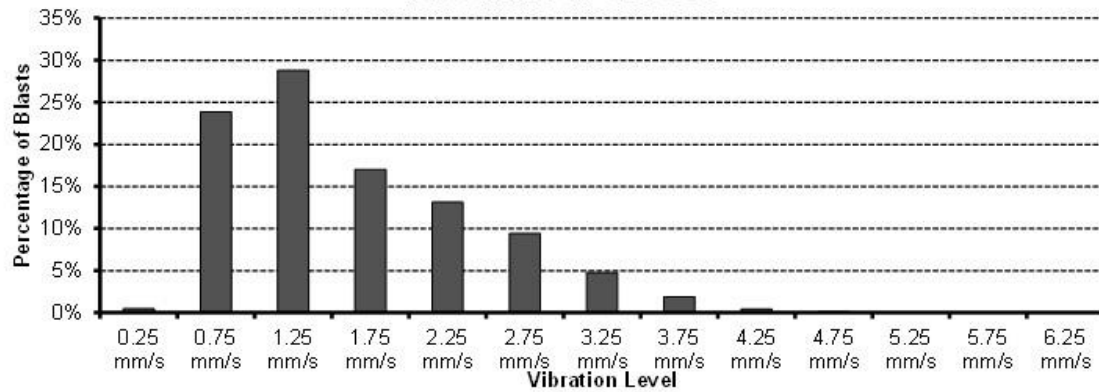




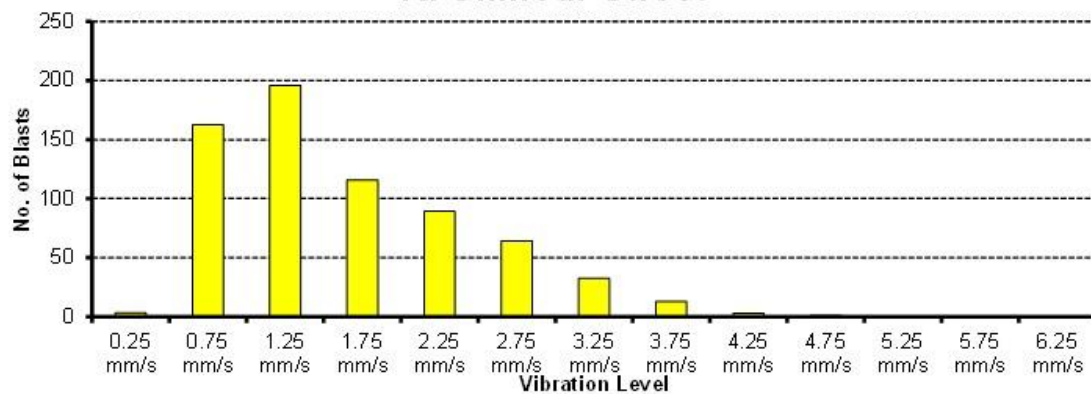




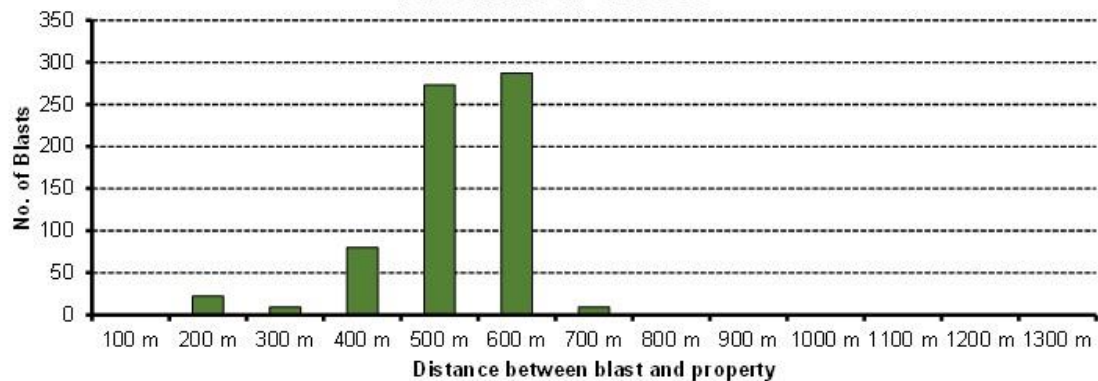
### 1a Gilmour Street



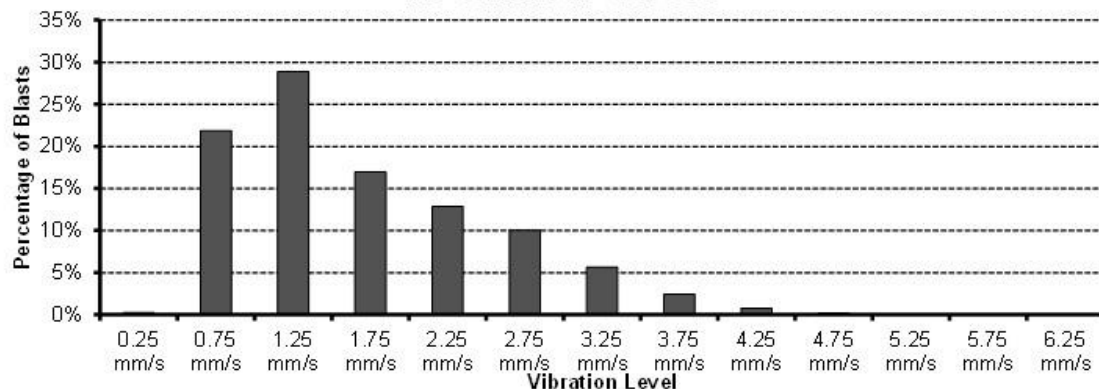
### 1a Gilmour Street



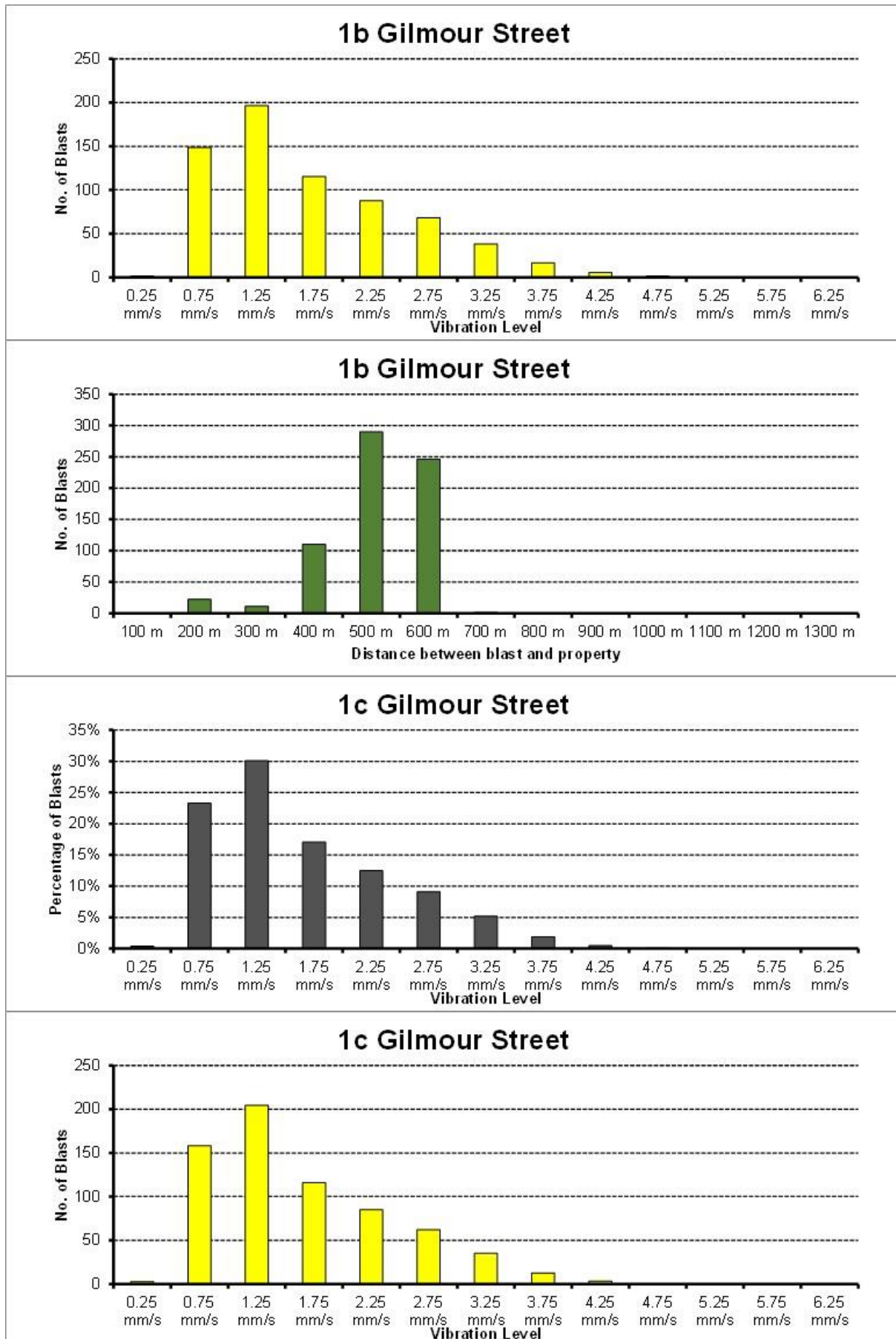
### 1a Gilmour Street

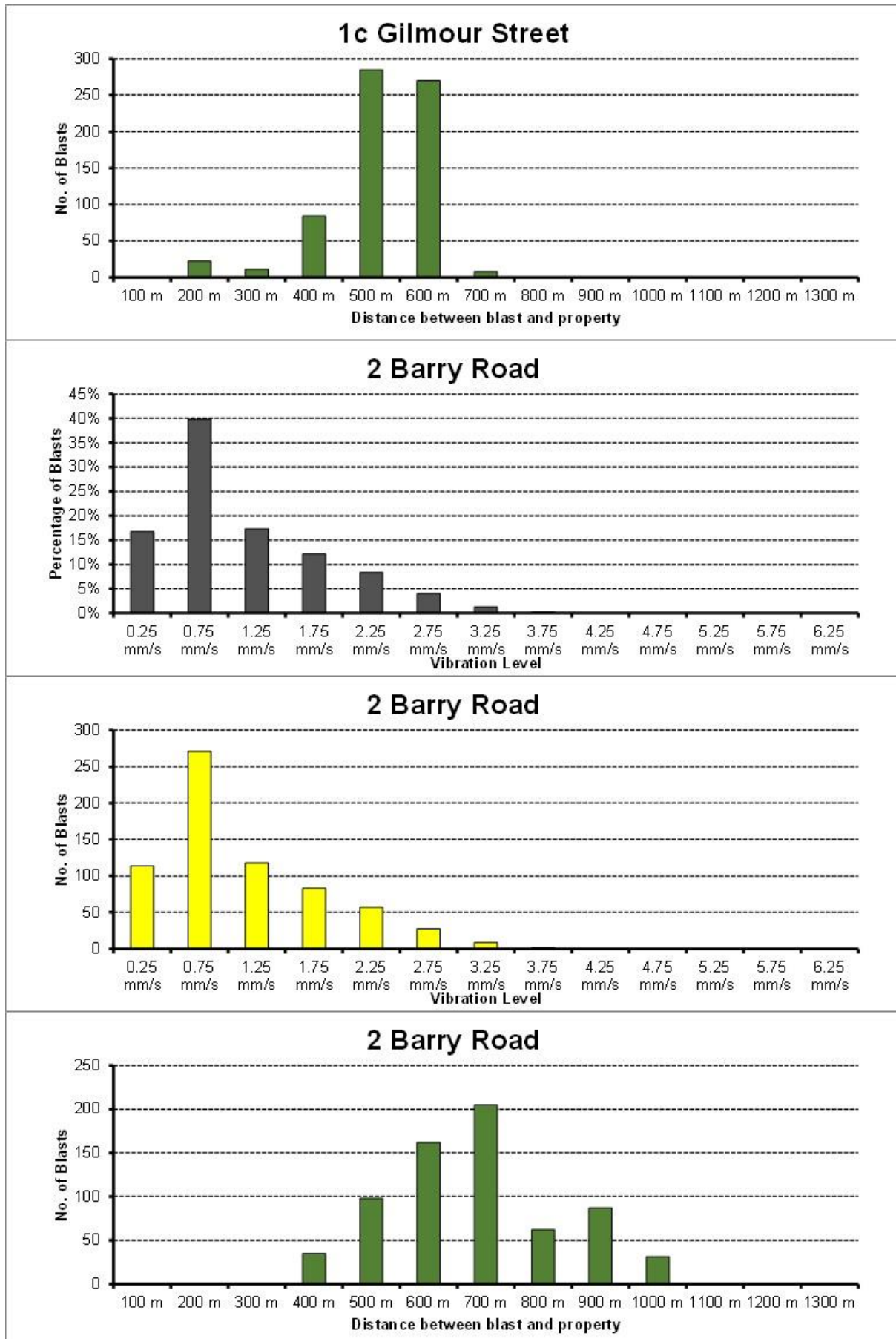


### 1b Gilmour Street

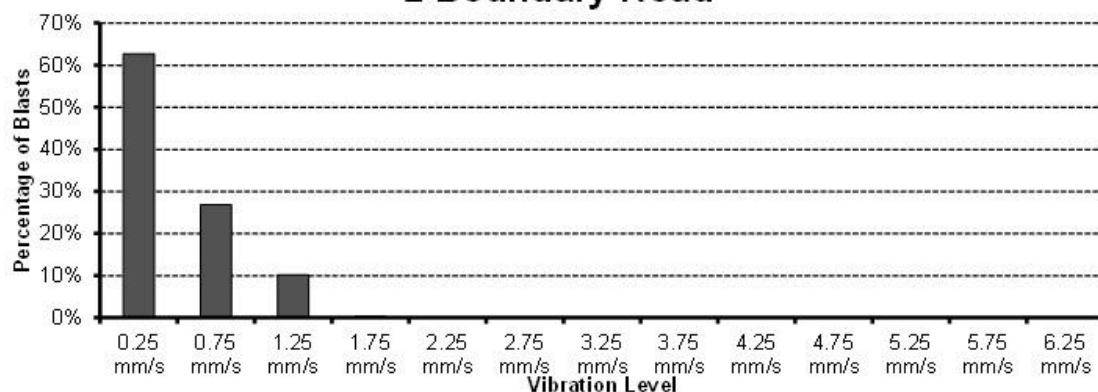




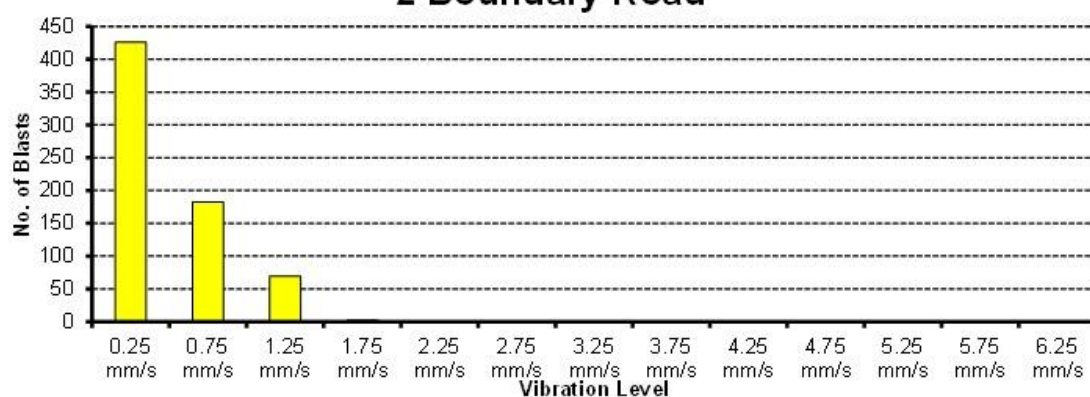




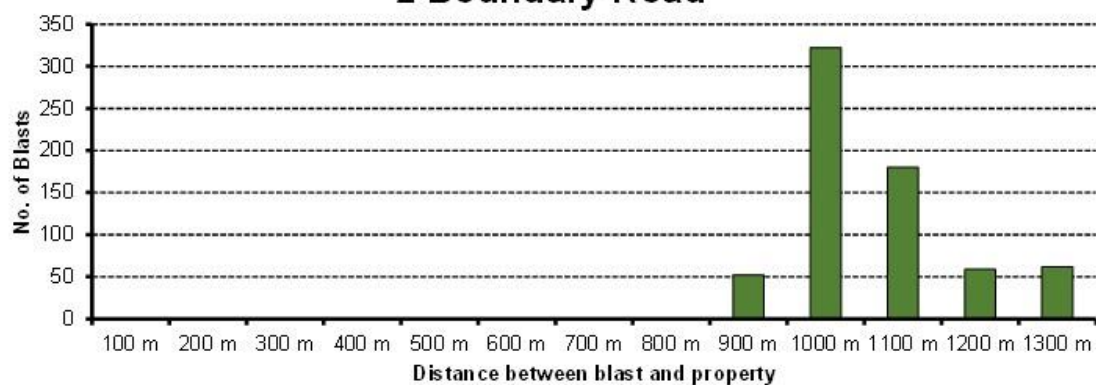
## 2 Boundary Road



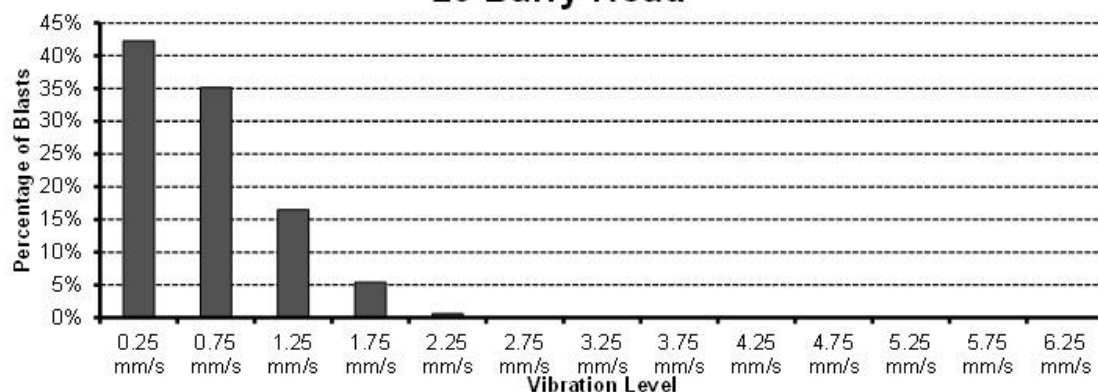
## 2 Boundary Road



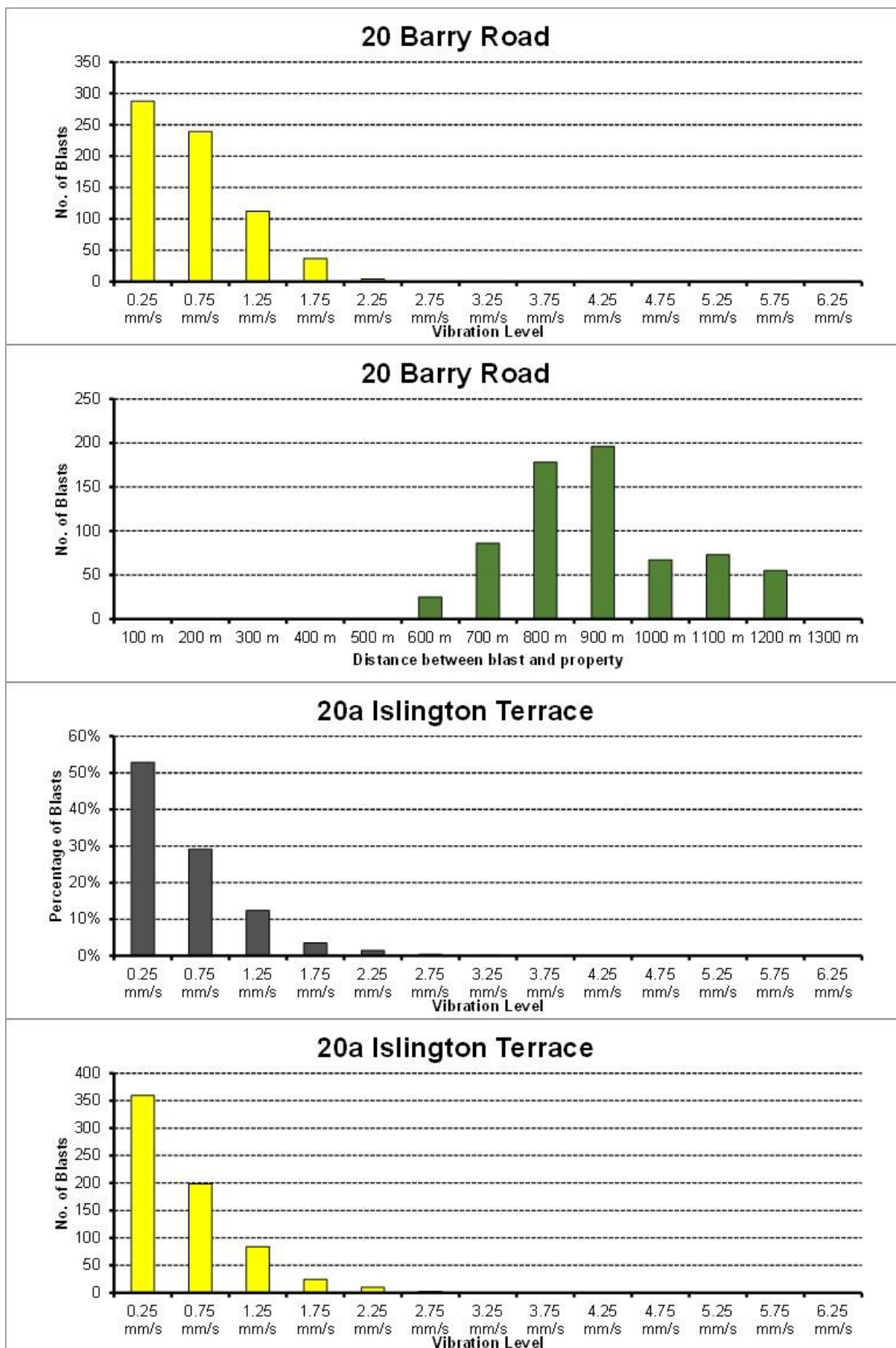
## 2 Boundary Road

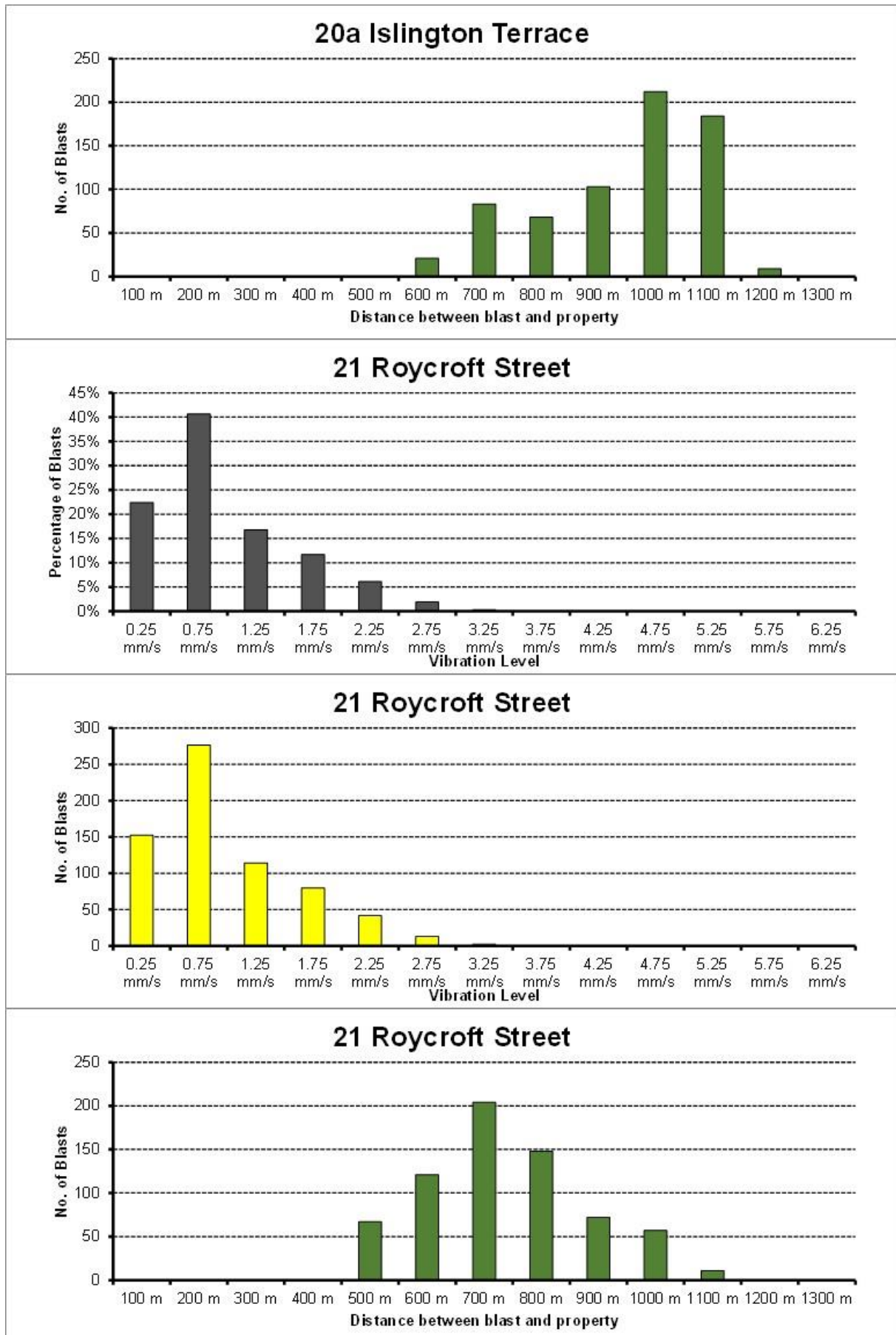


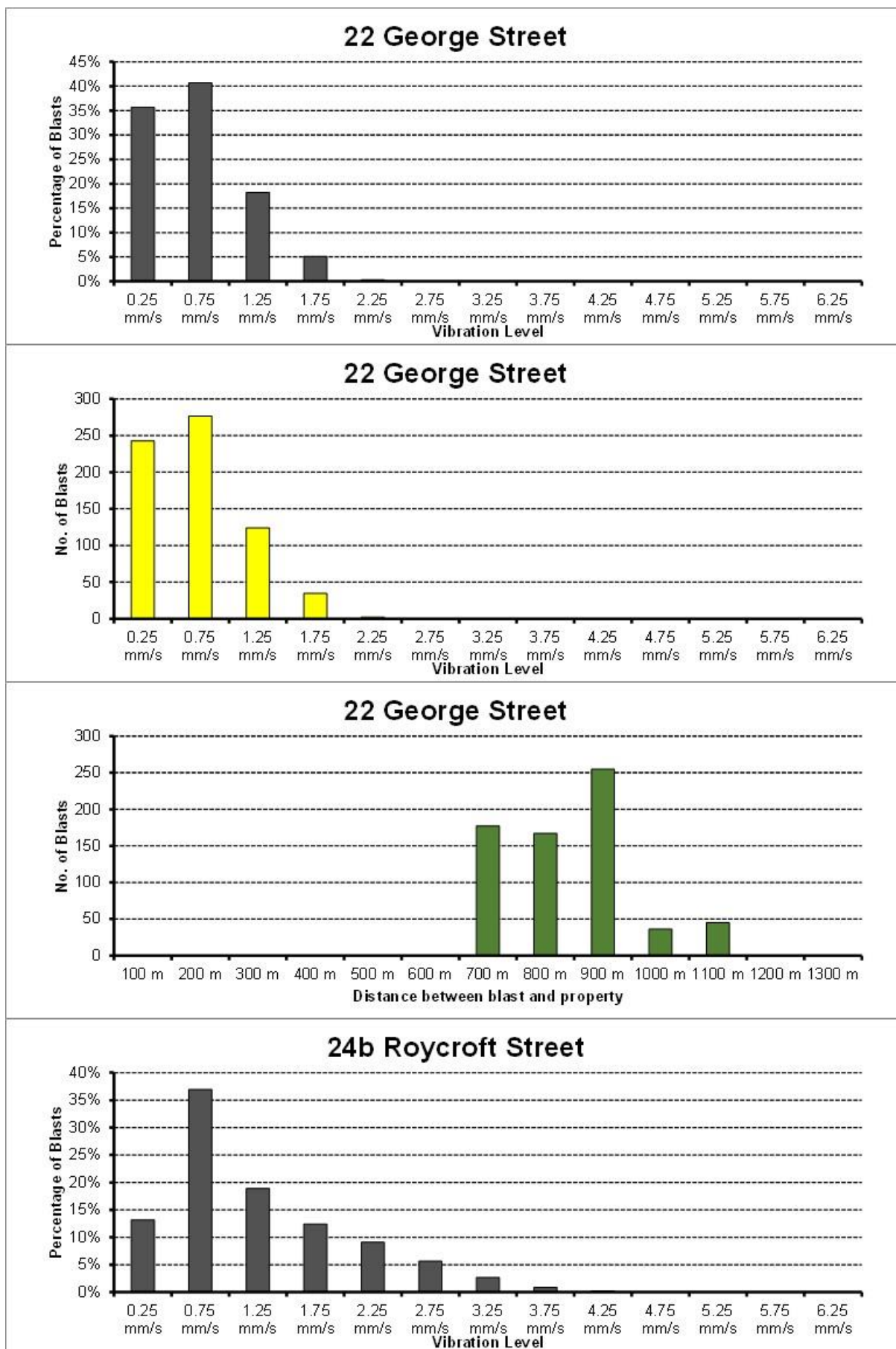
## 20 Barry Road



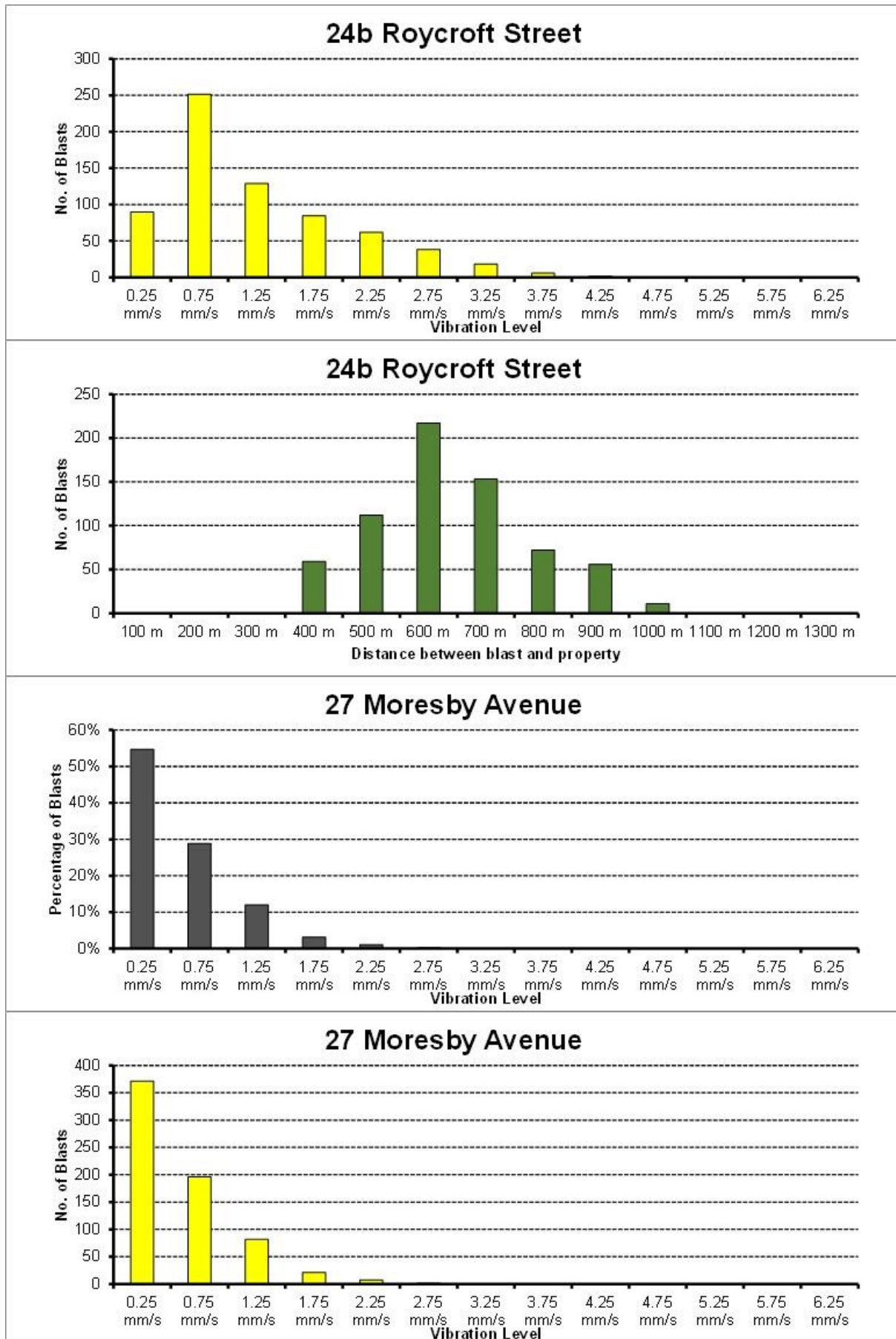


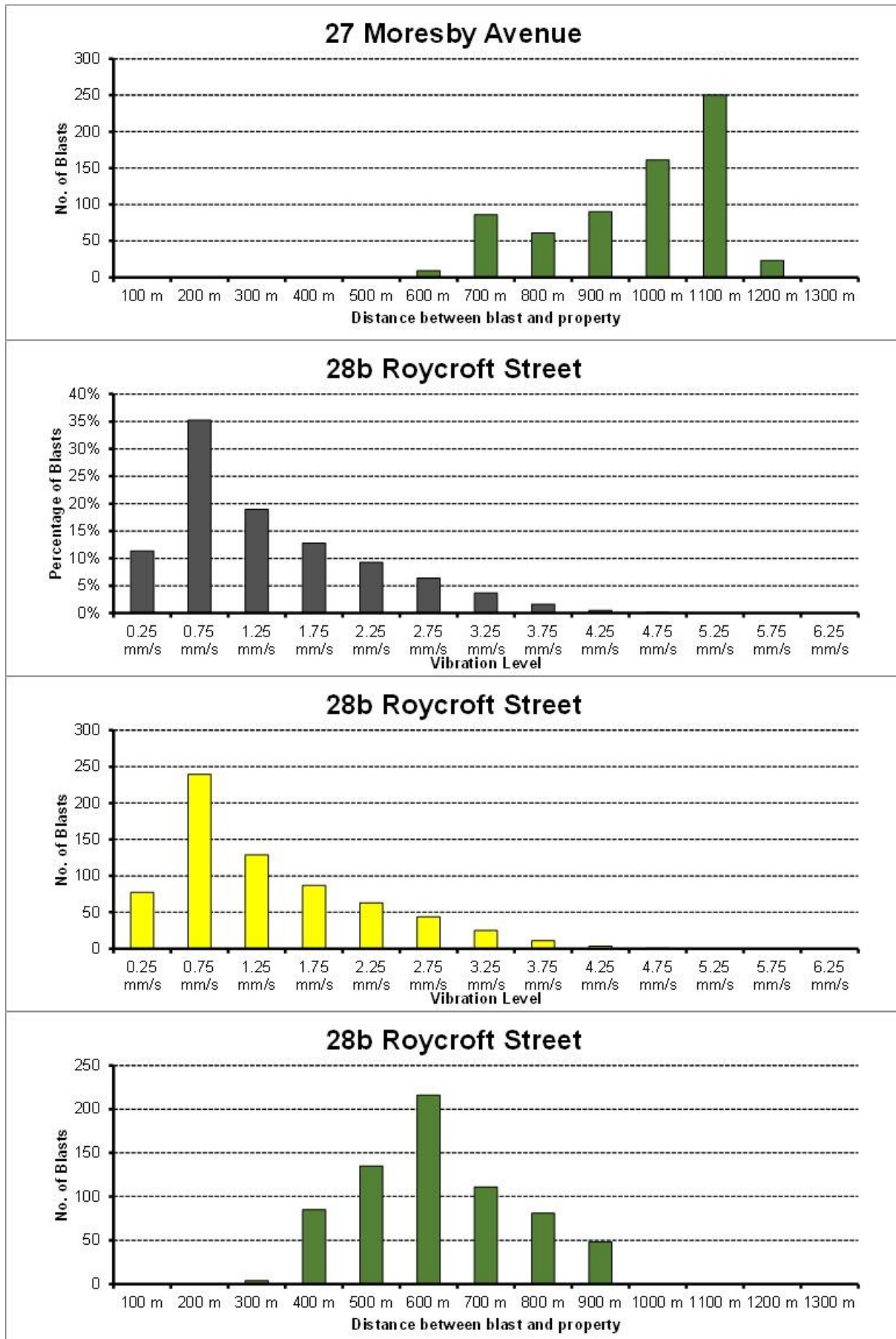




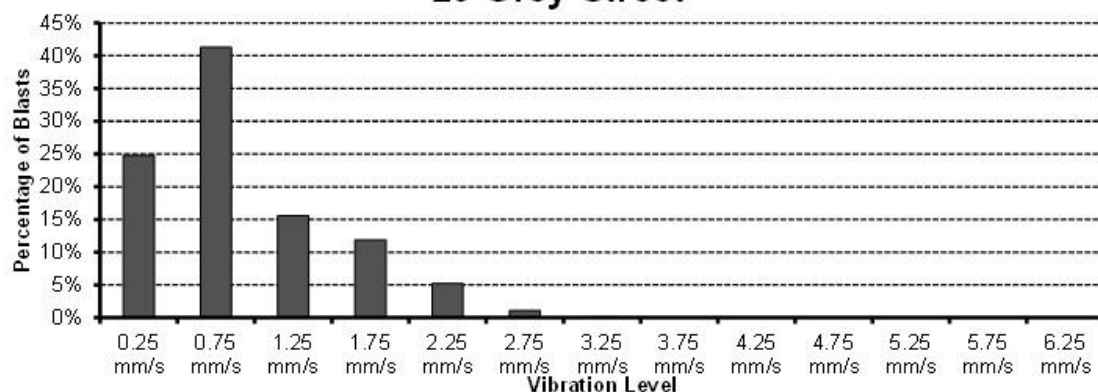




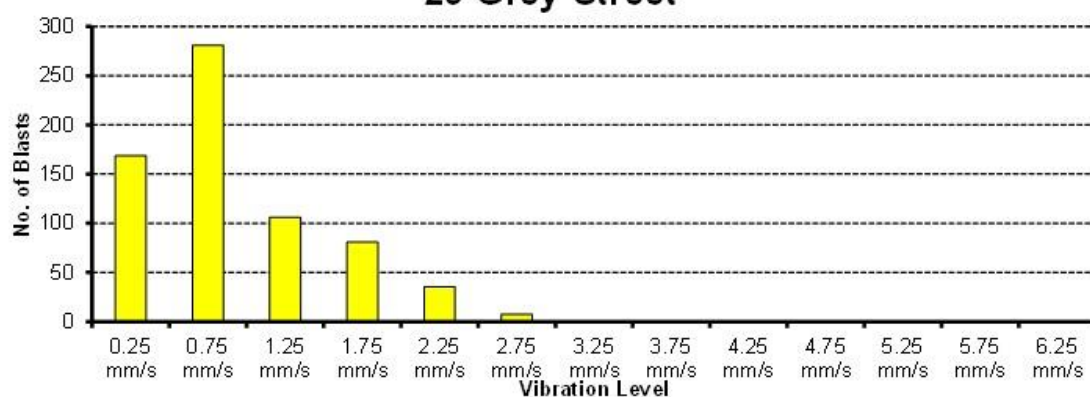




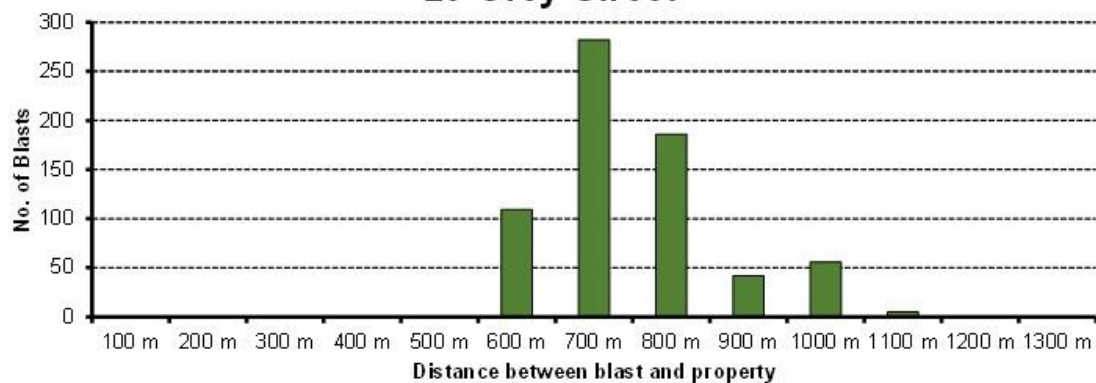
### 29 Grey Street



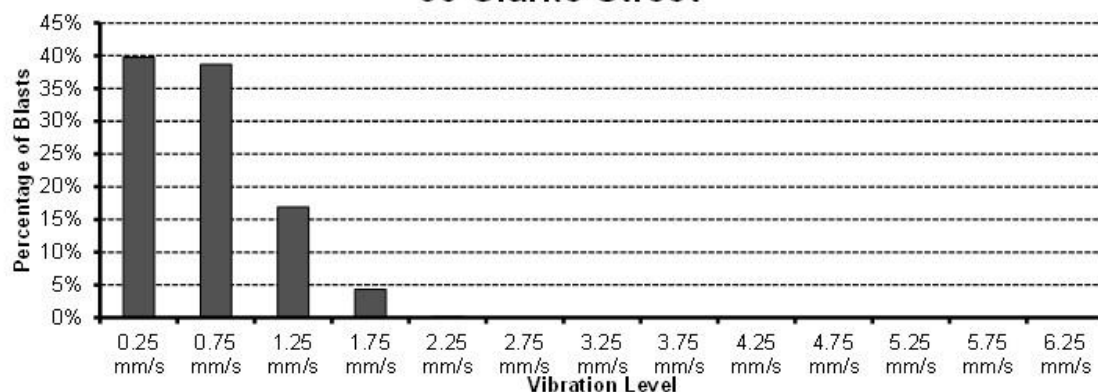
### 29 Grey Street



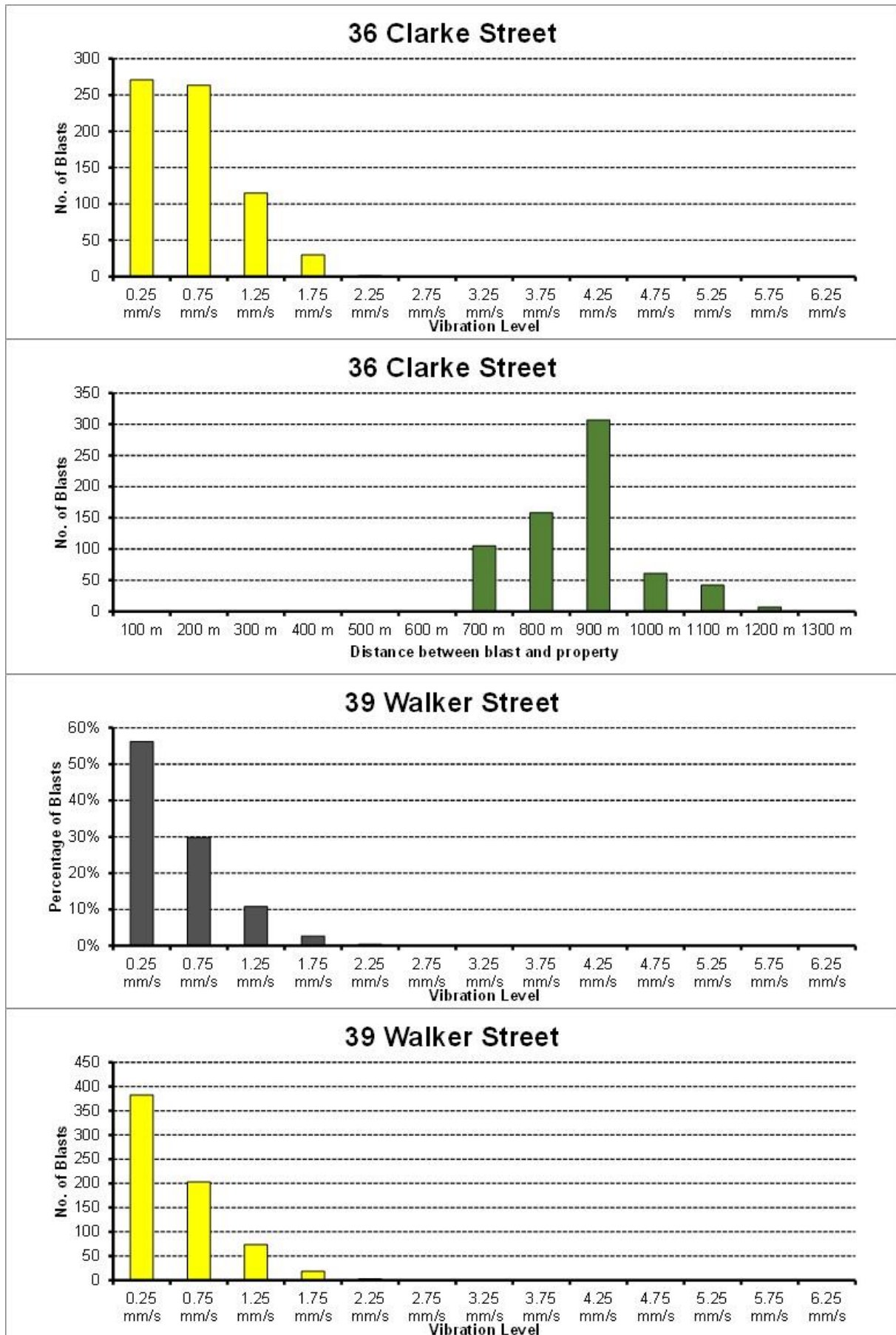
### 29 Grey Street

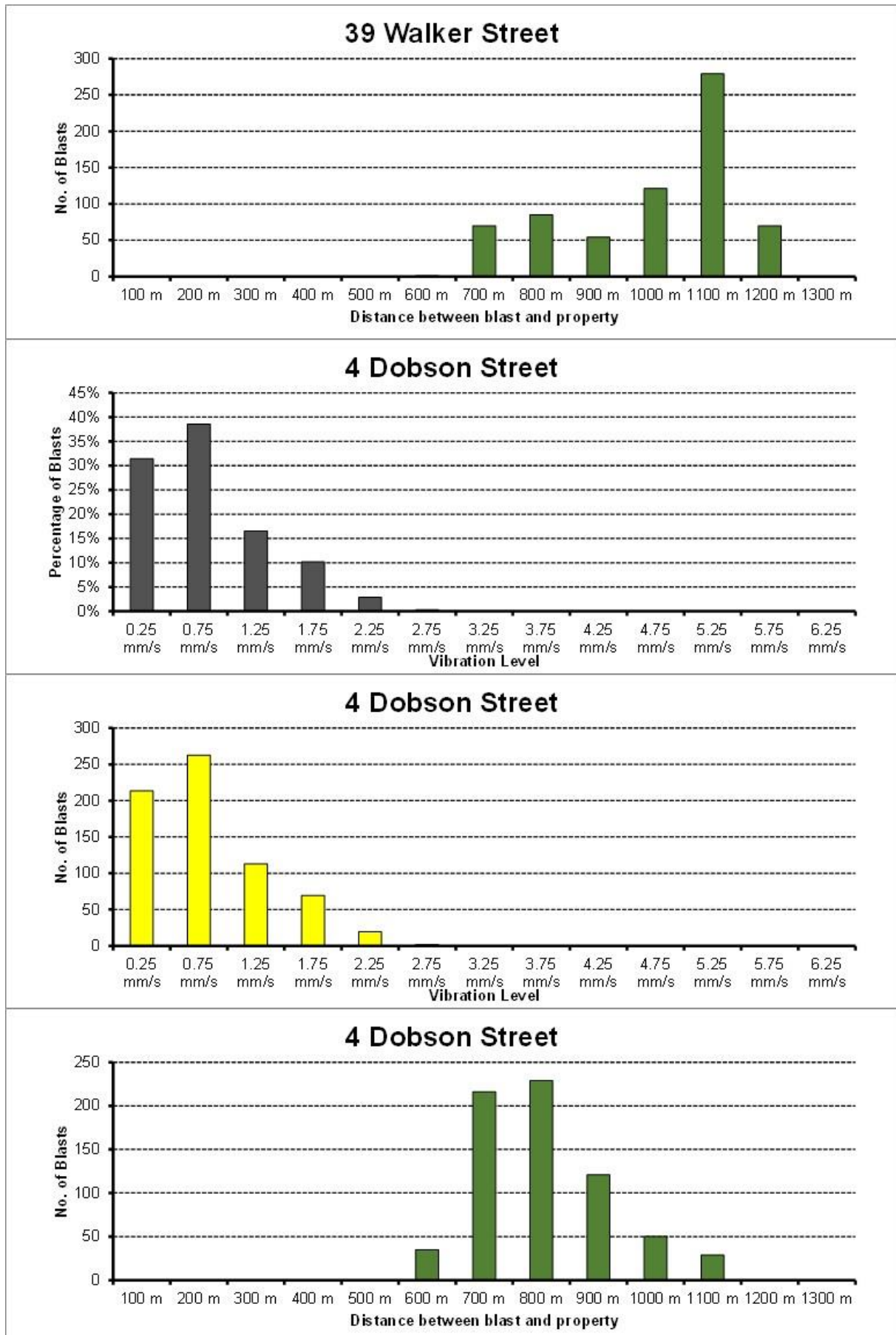


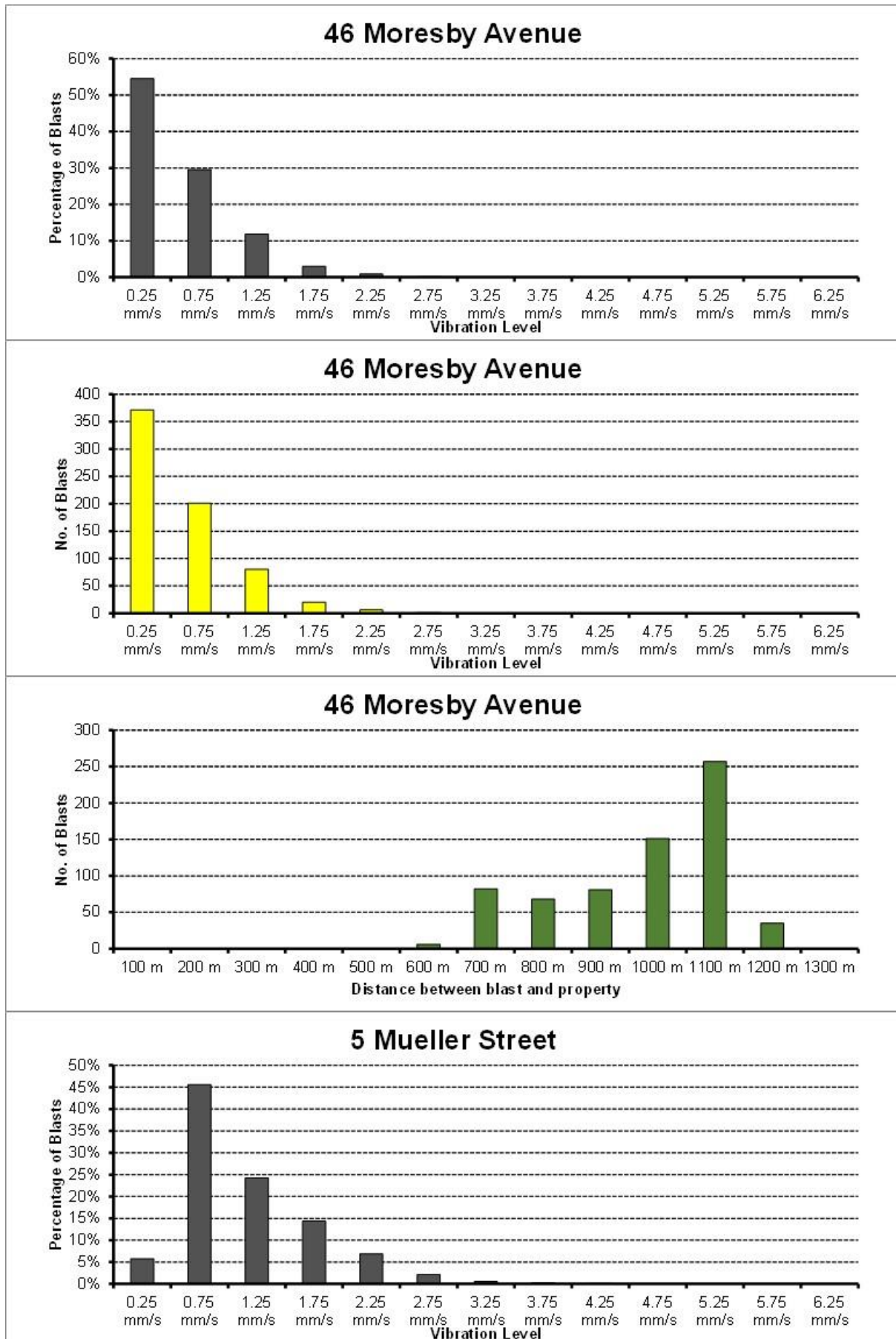
### 36 Clarke Street



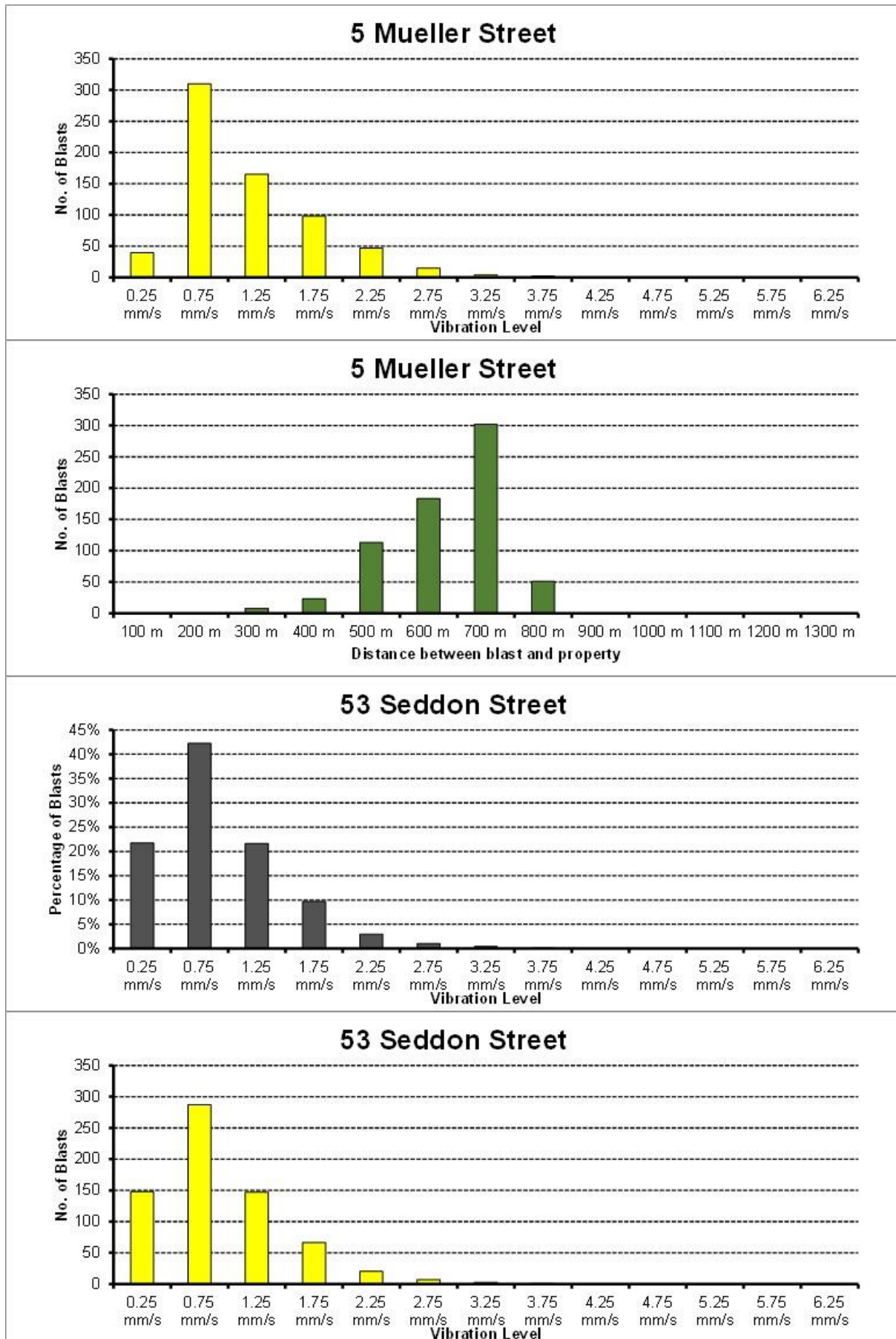


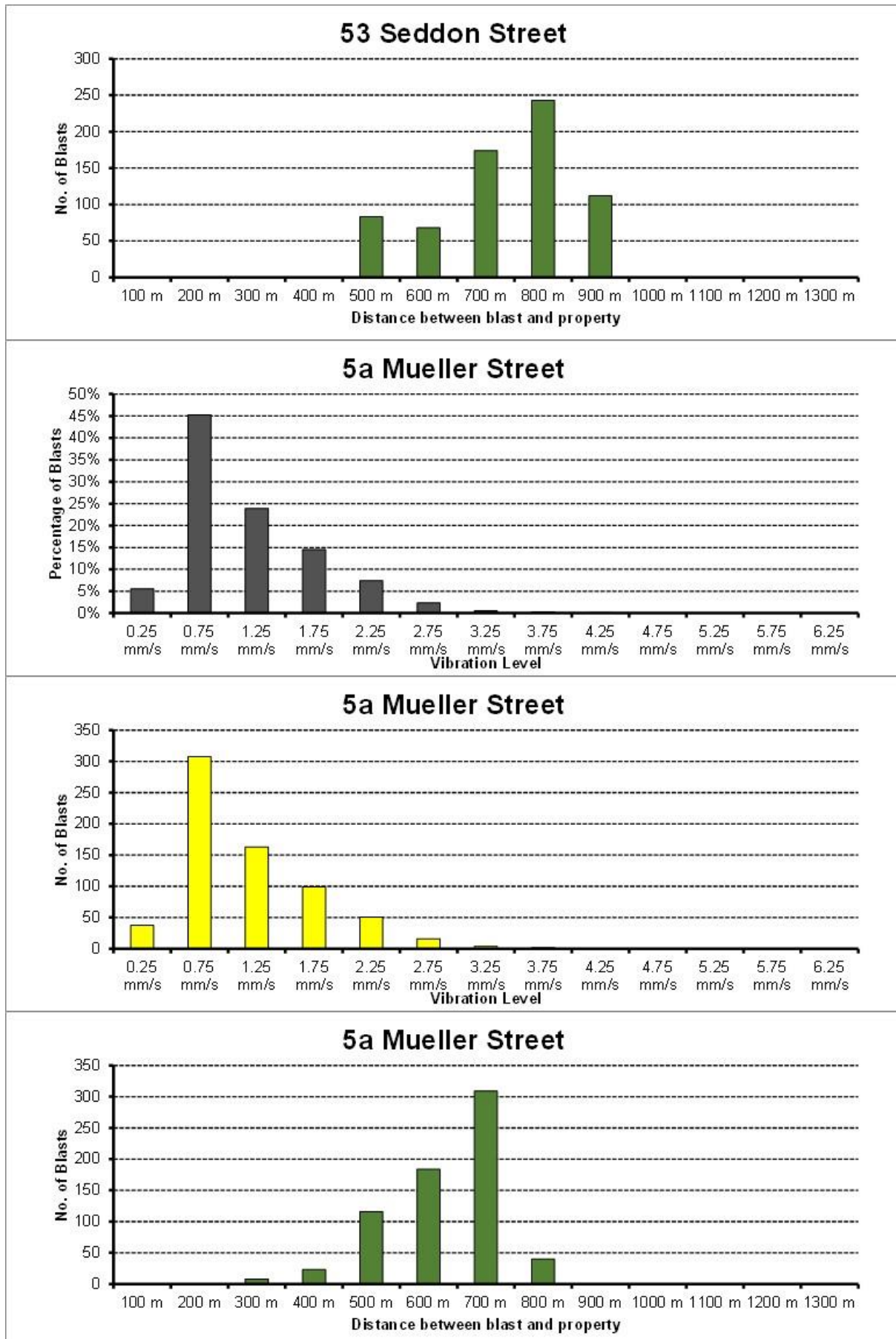


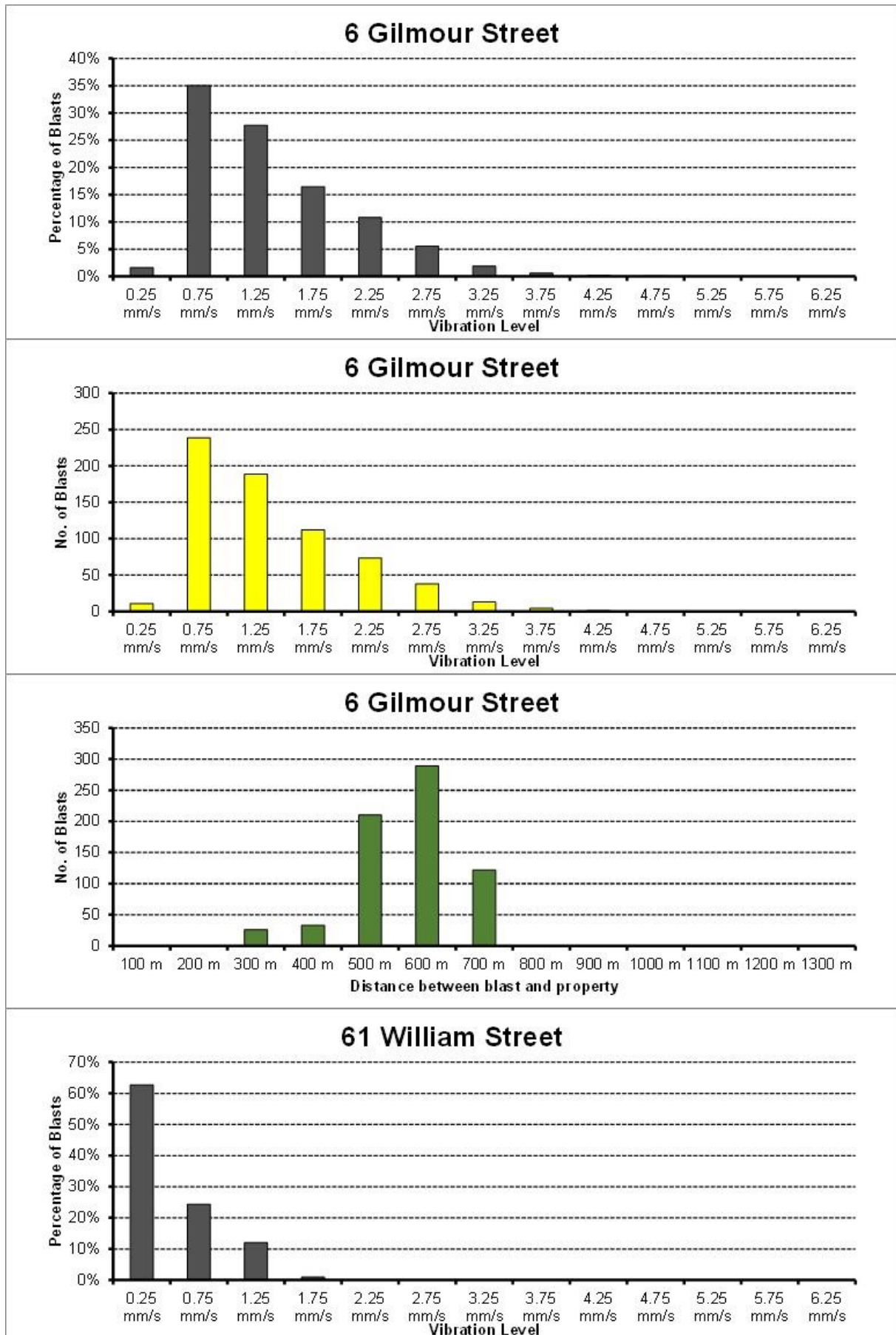




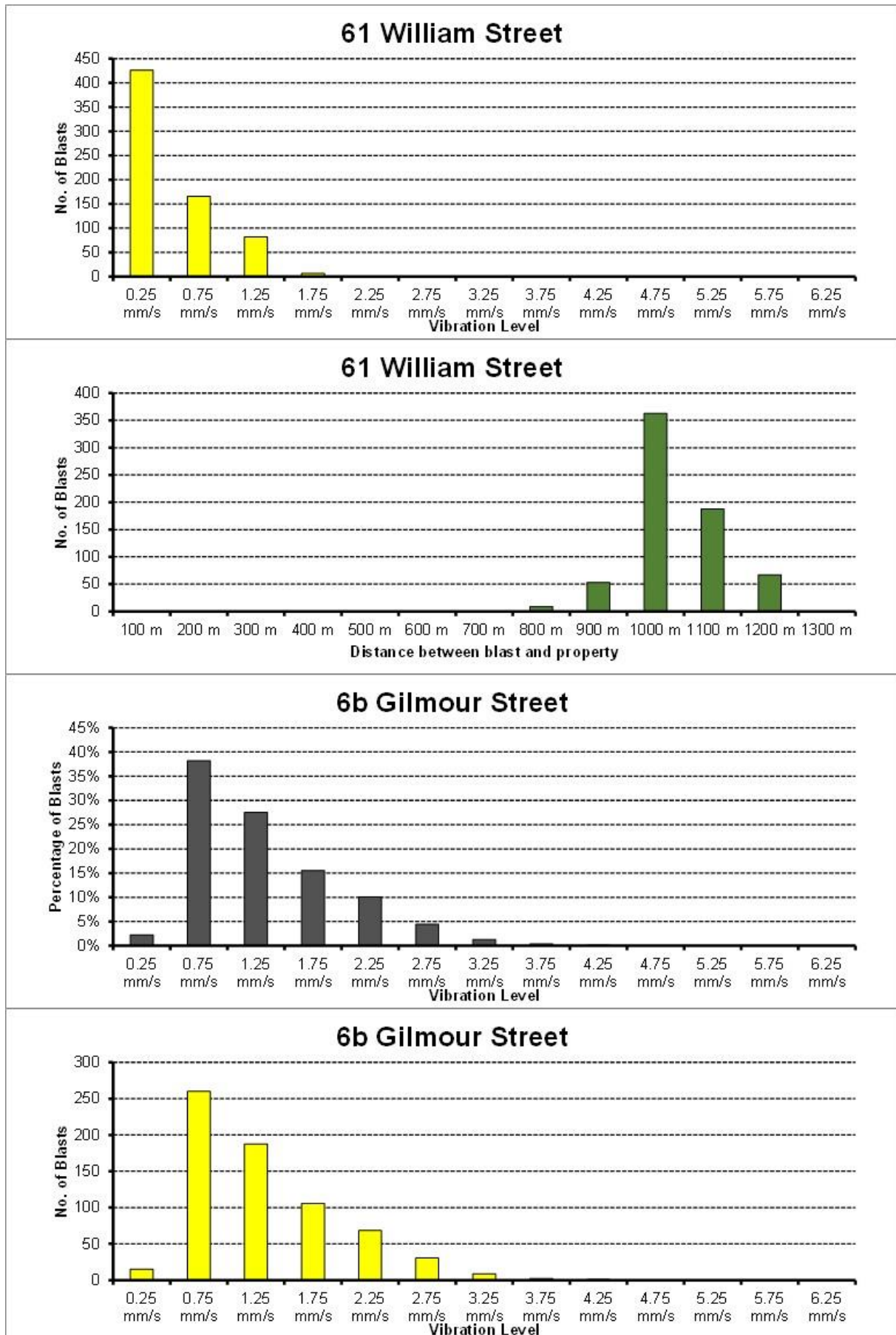


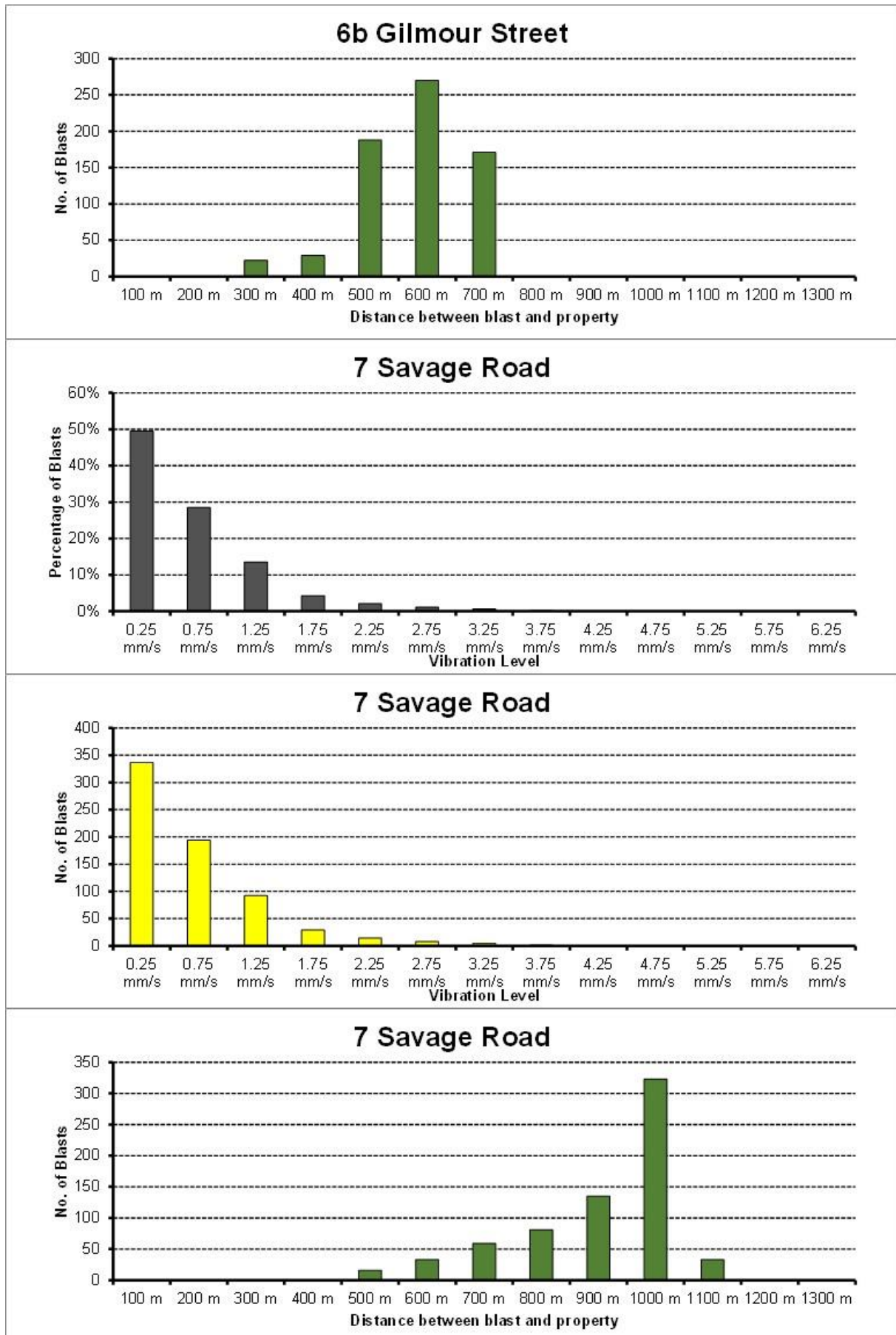


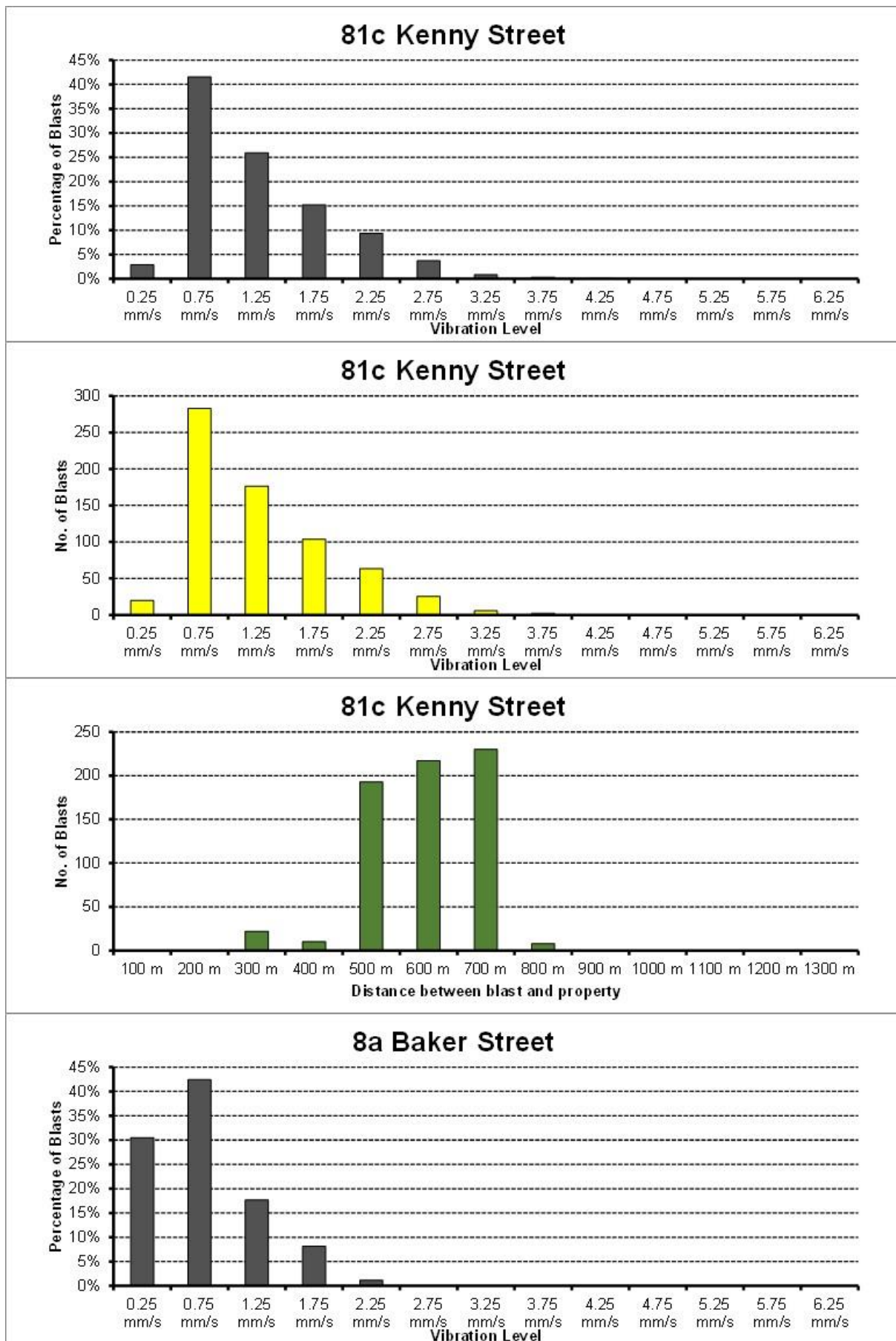






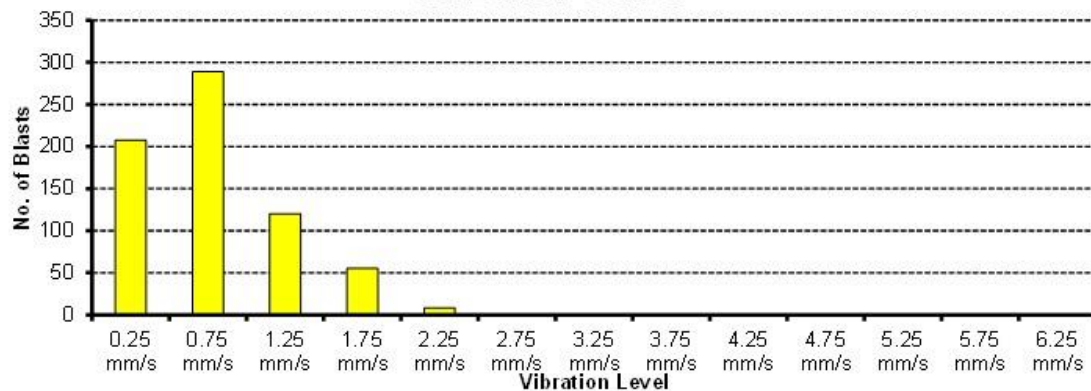




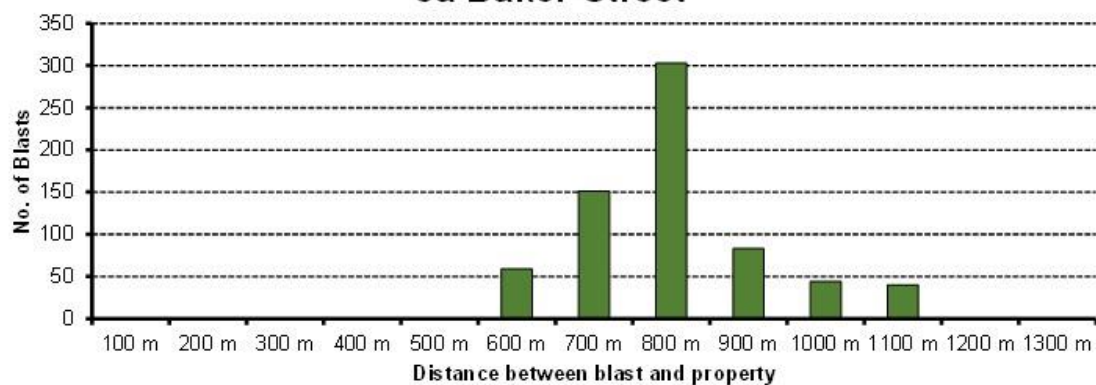




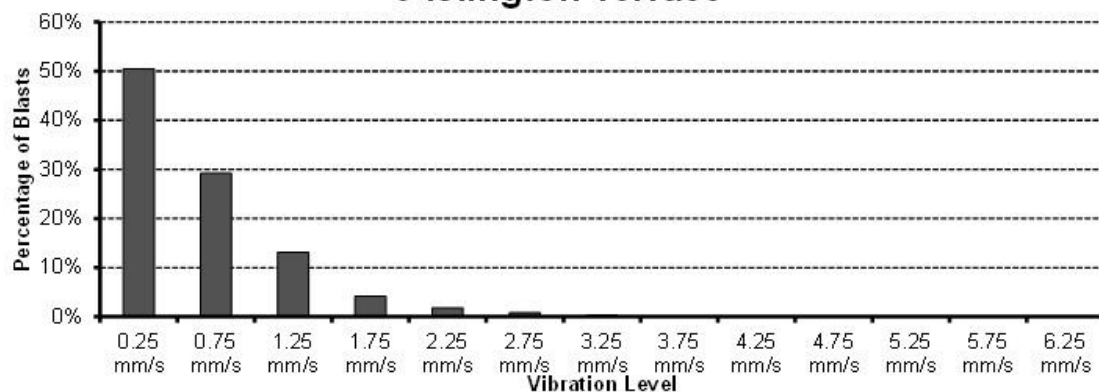
### 8a Baker Street



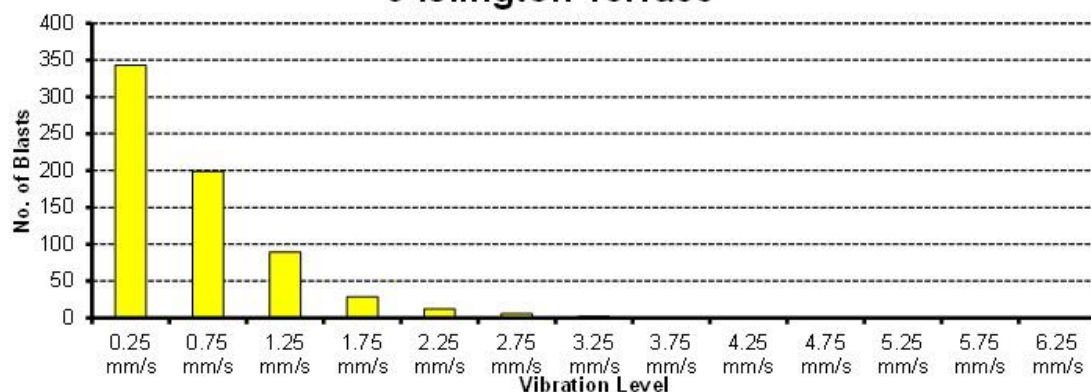
### 8a Baker Street



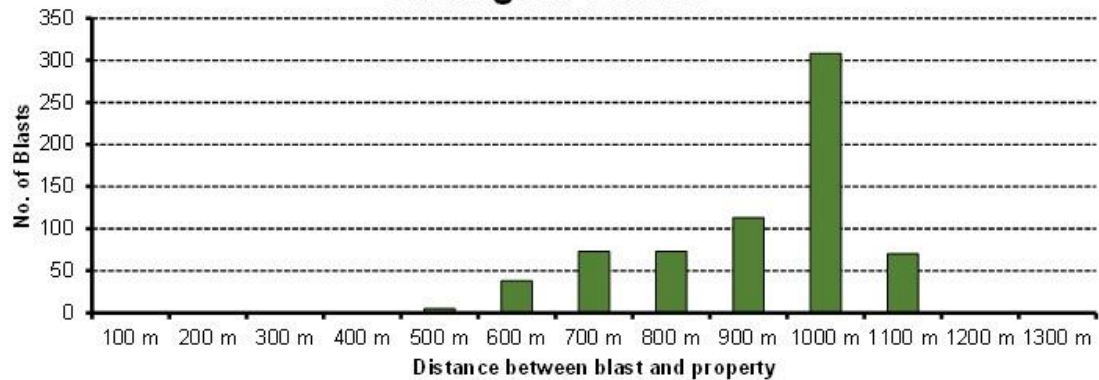
### 9 Islington Terrace



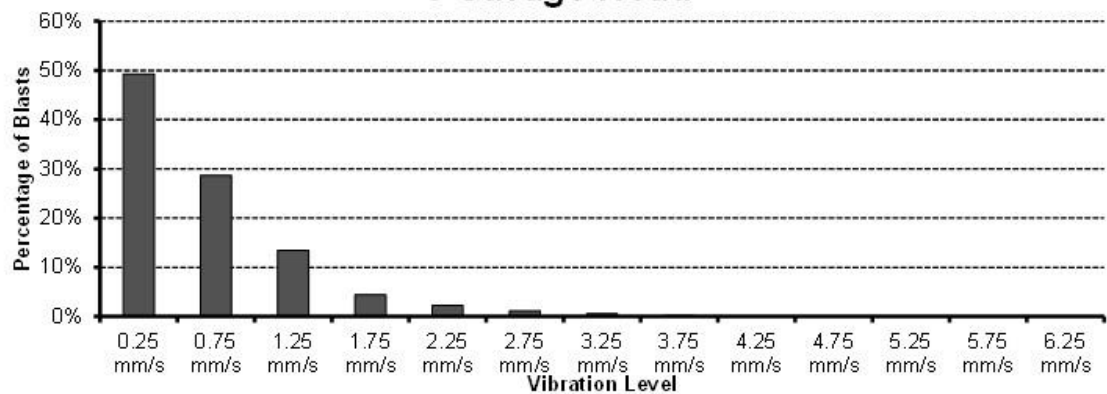
### 9 Islington Terrace



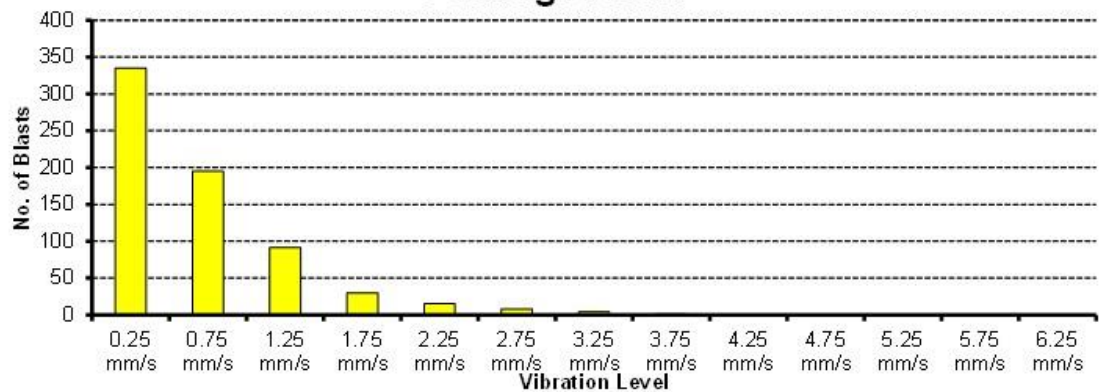
### 9 Islington Terrace



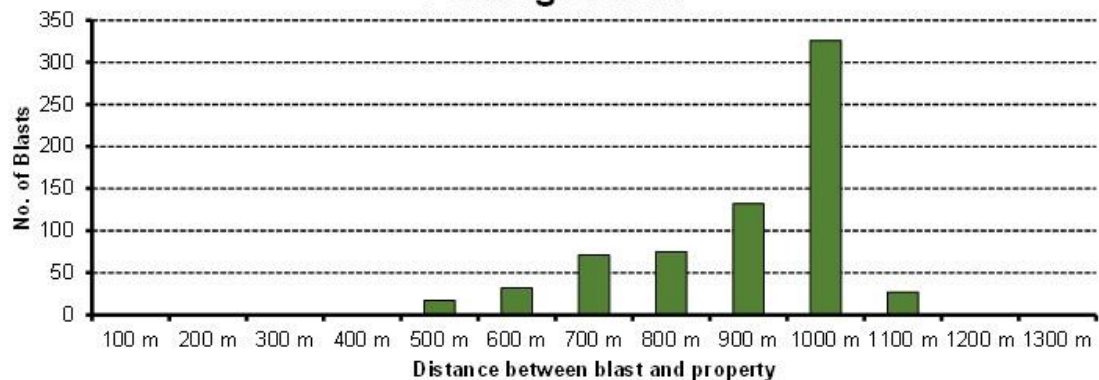
### 9 Savage Road

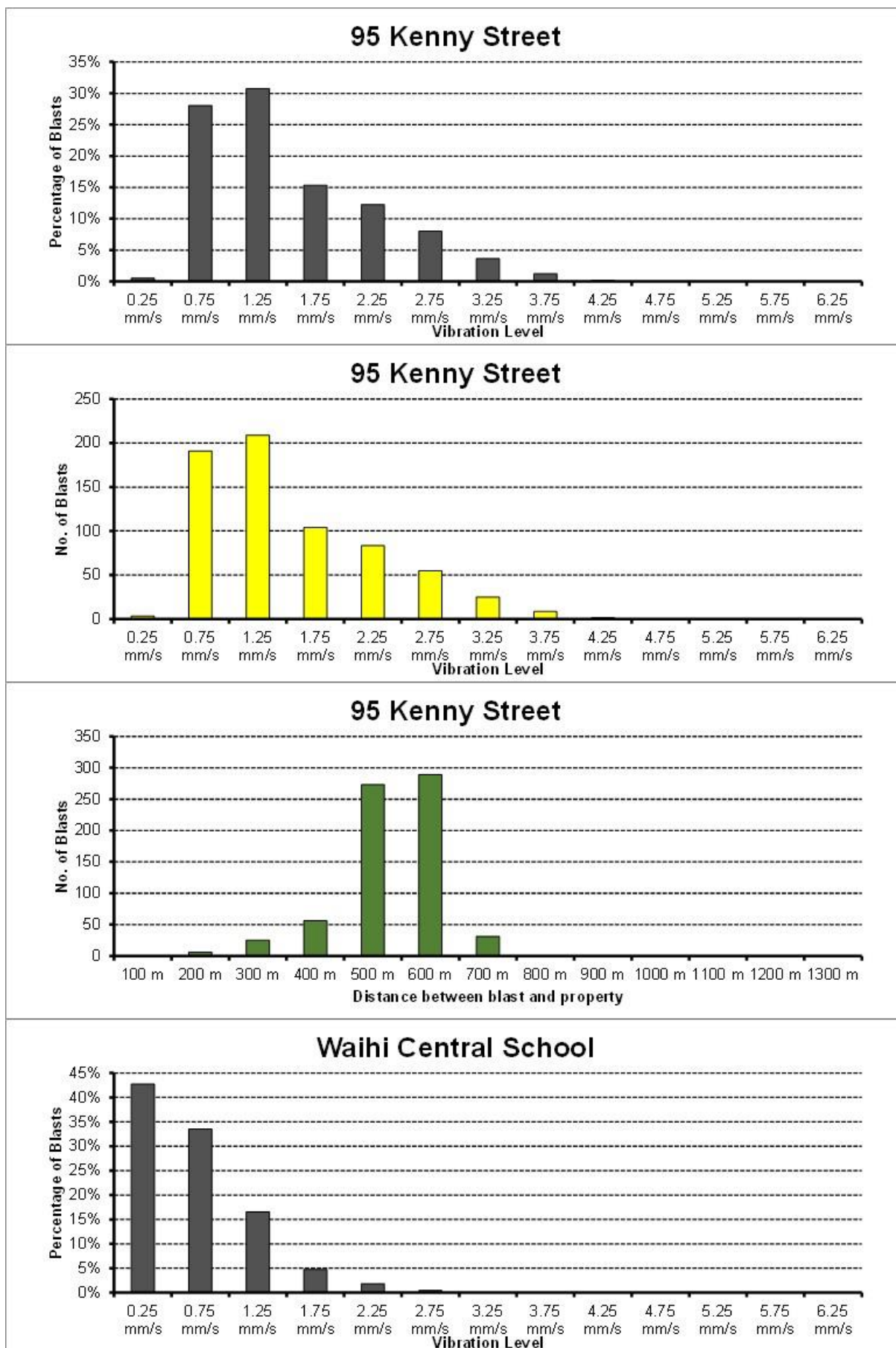


### 9 Savage Road



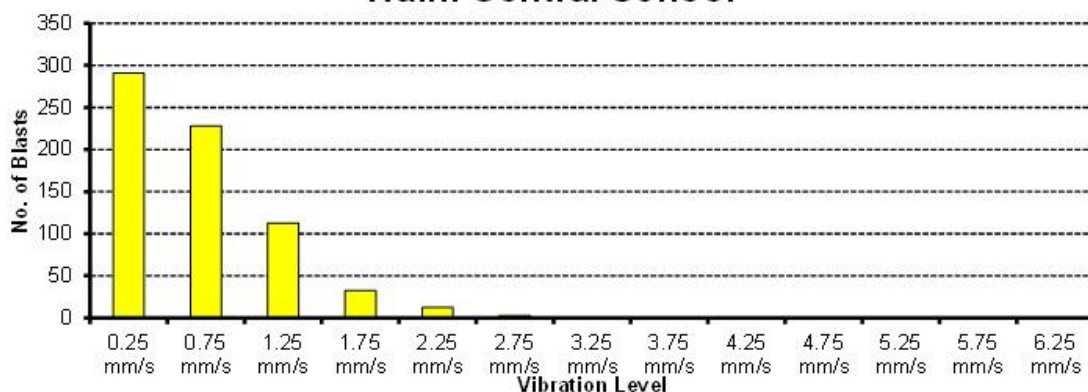
### 9 Savage Road



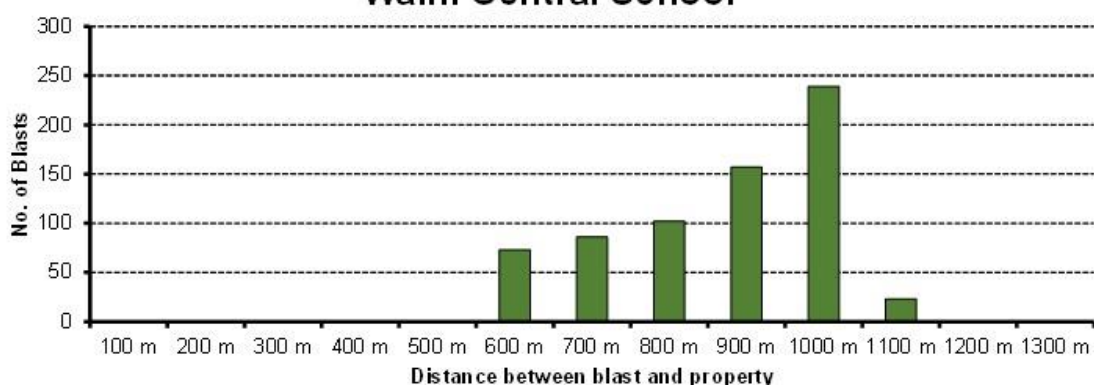




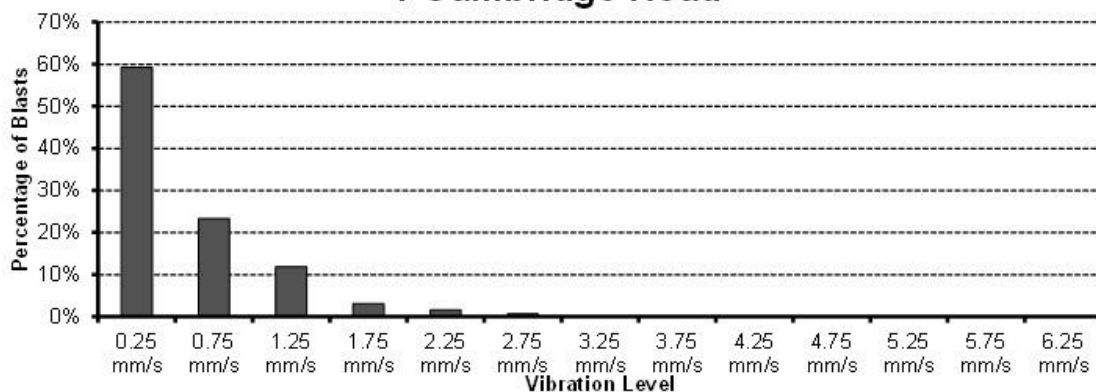
### Waihi Central School

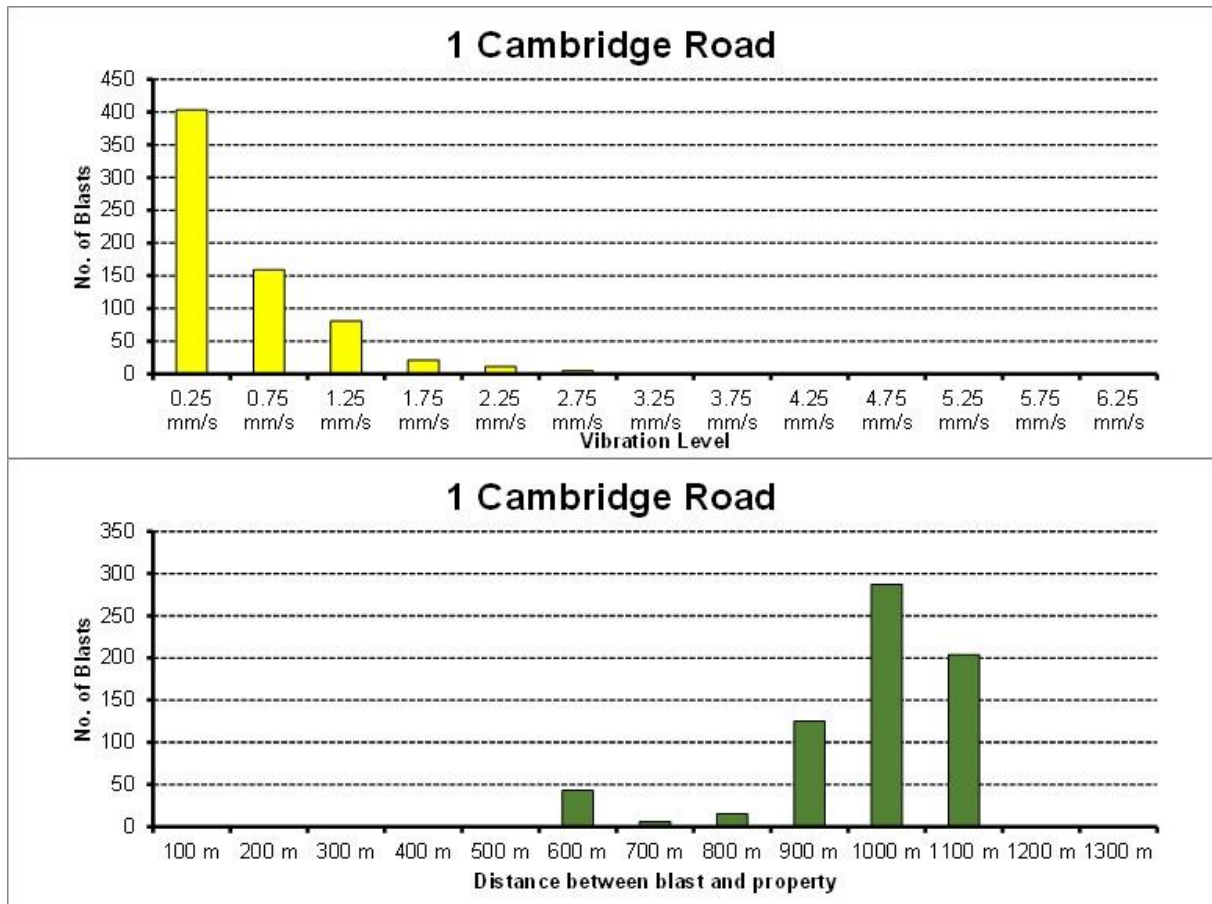


### Waihi Central School

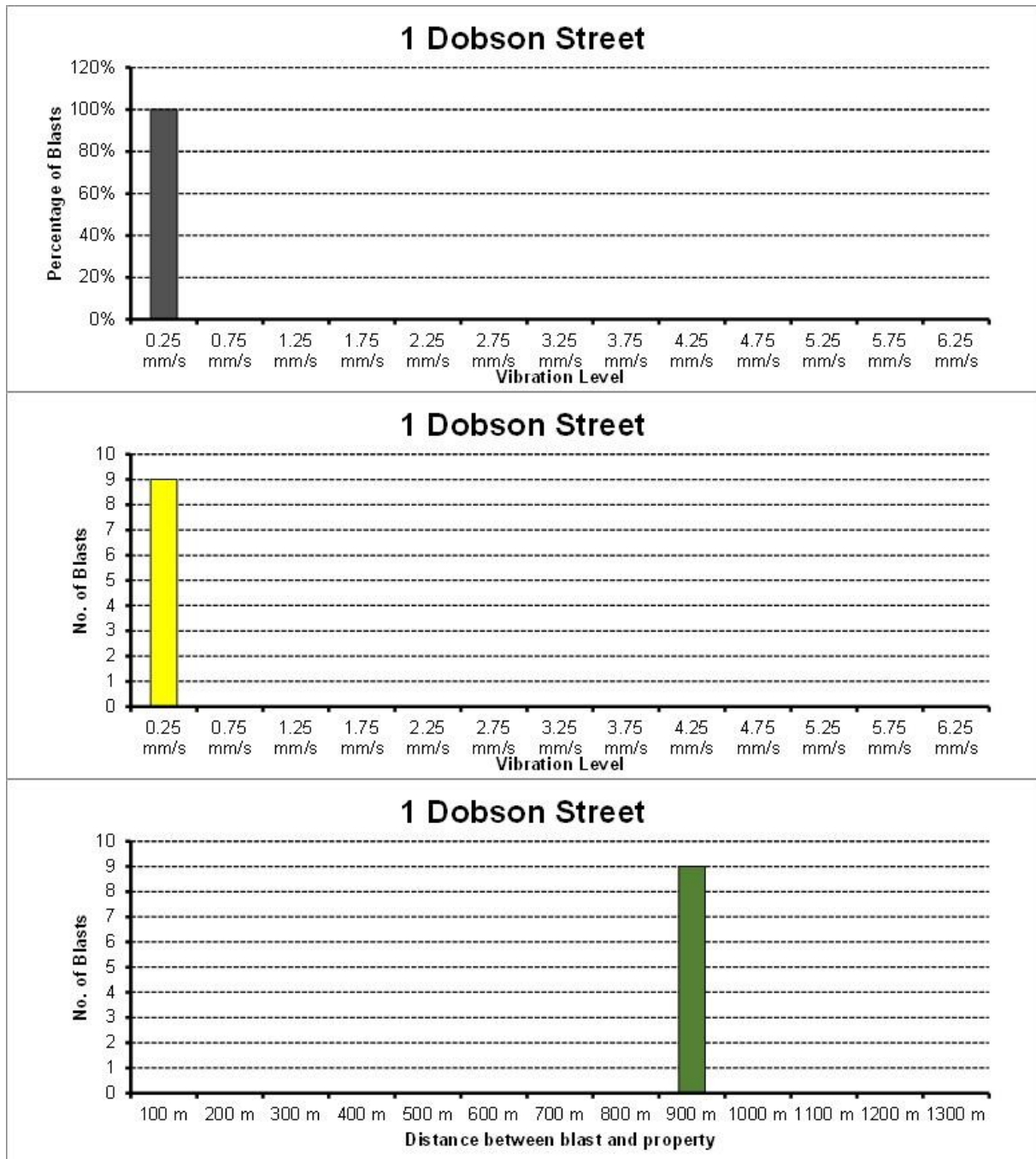


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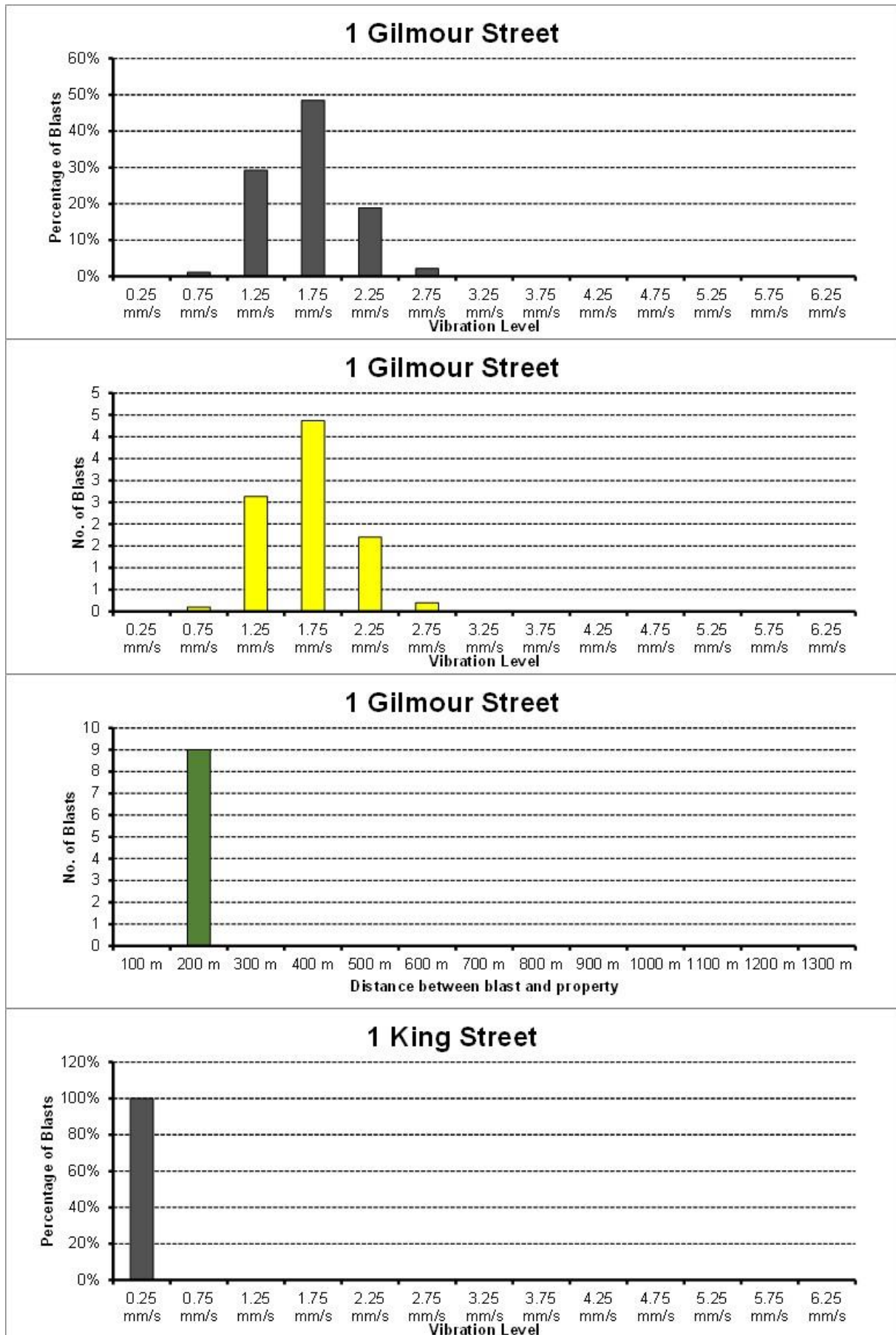


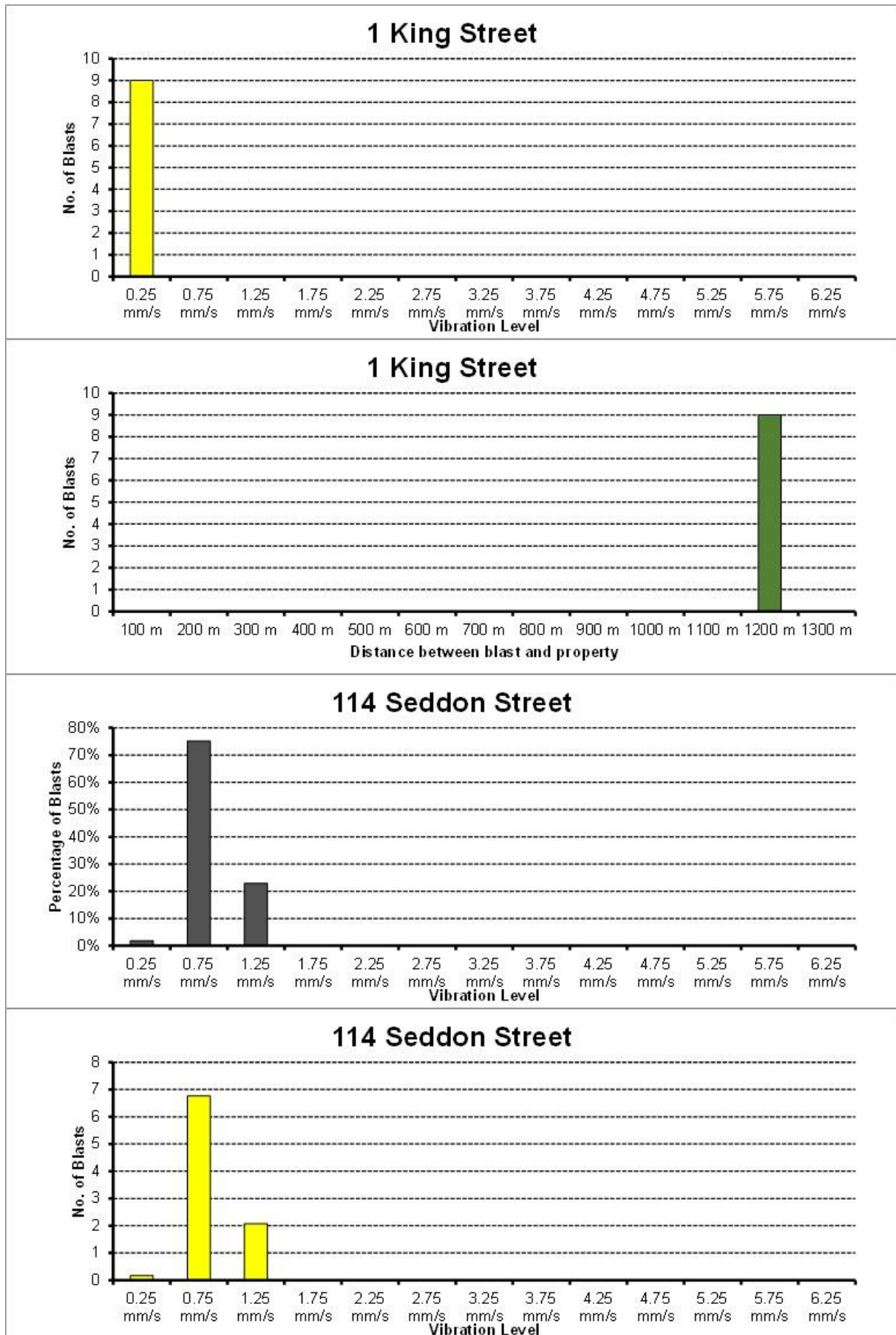


## 11. MARTHA PROJECT 2030

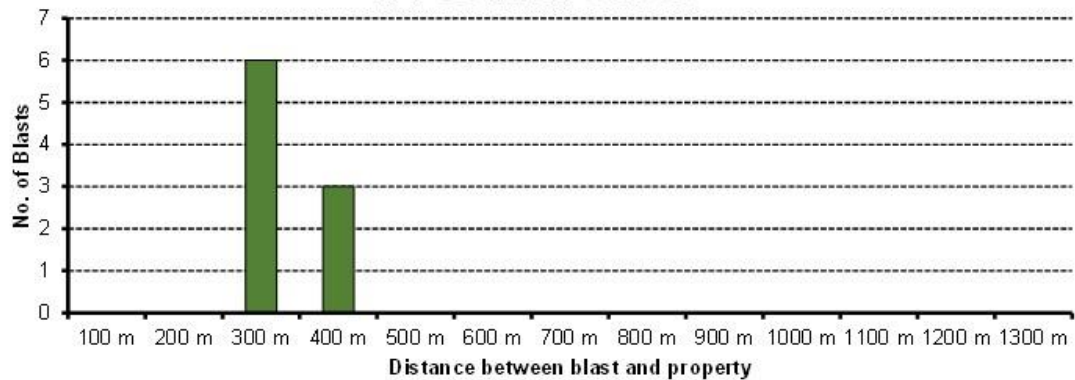




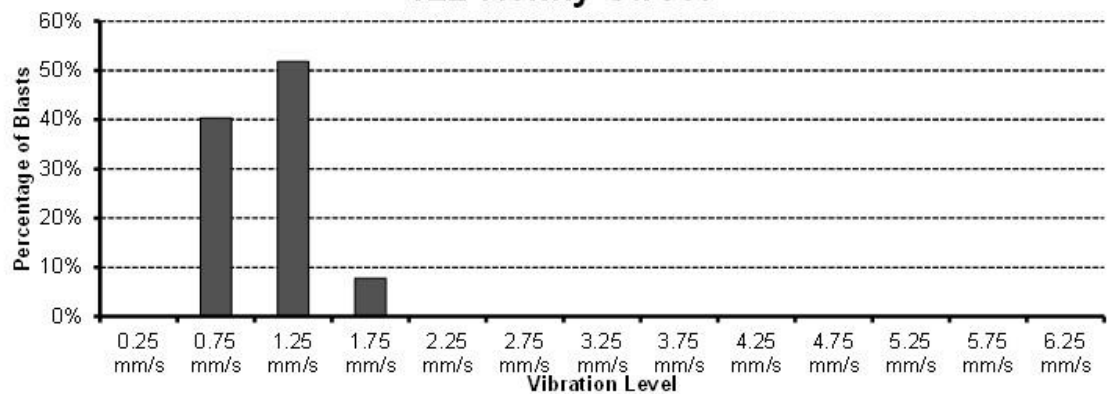




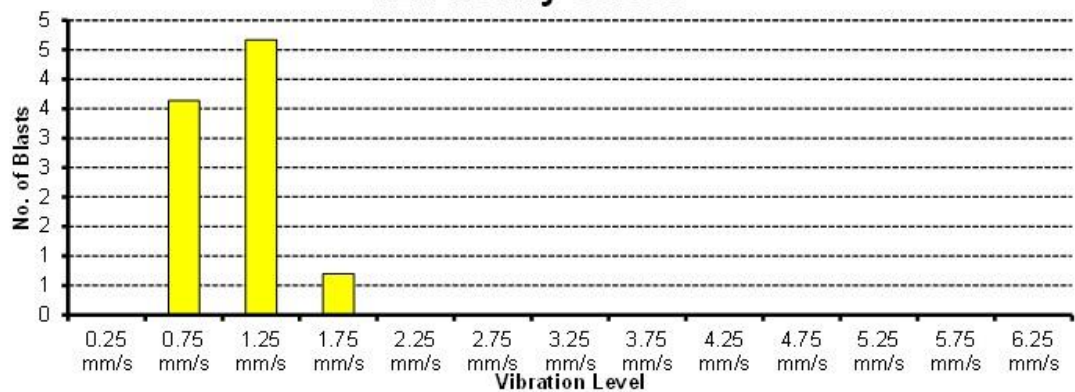
### 114 Seddon Street



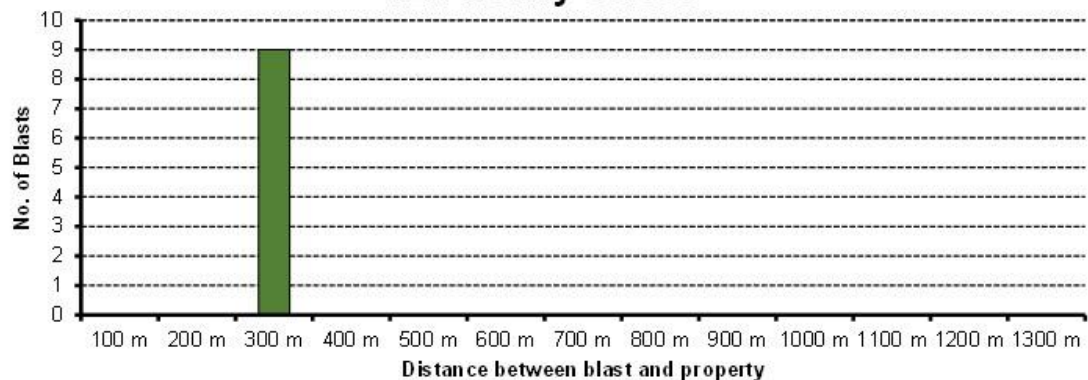
### 122 Kenny Street



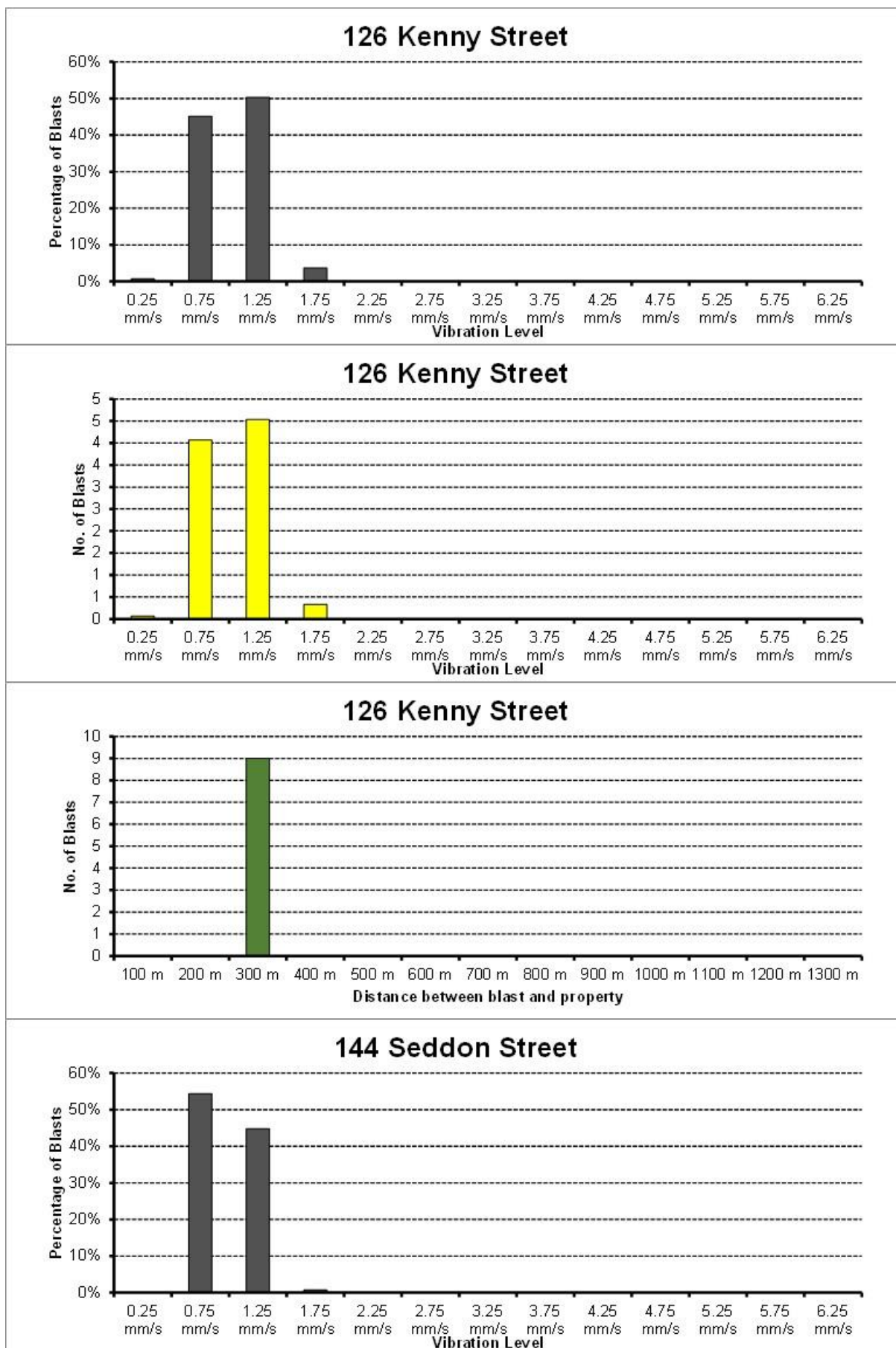
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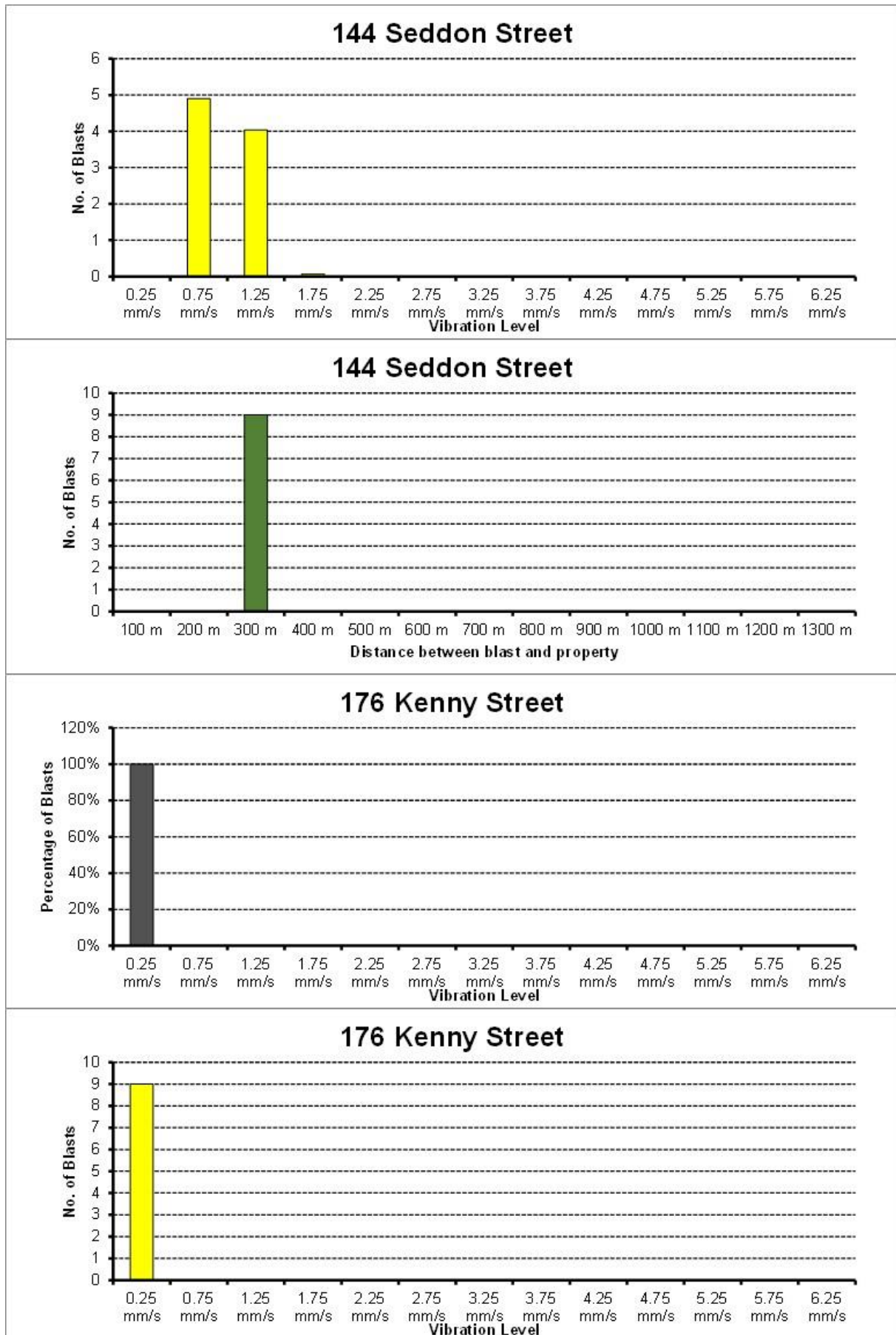


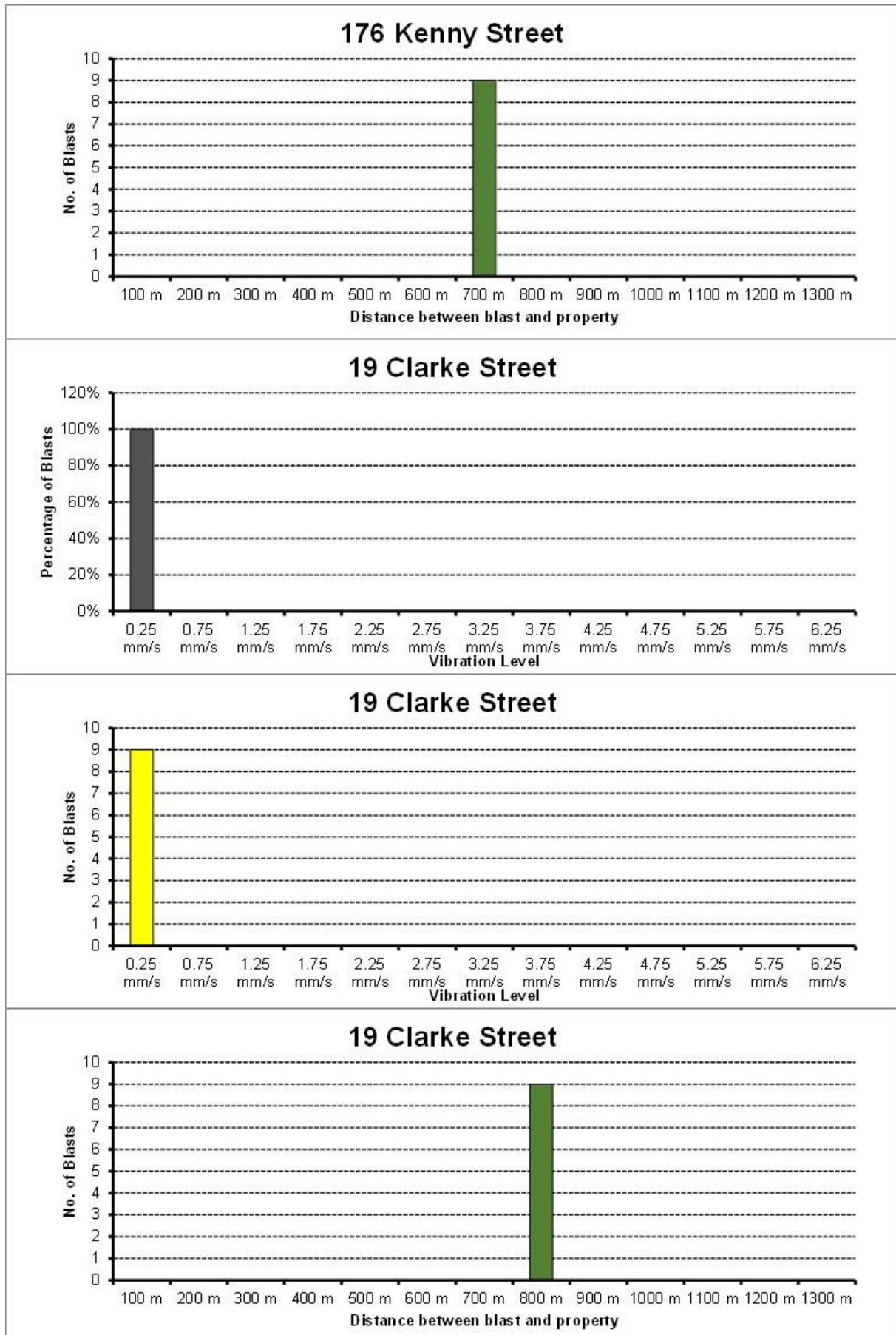
### 122 Kenny Street



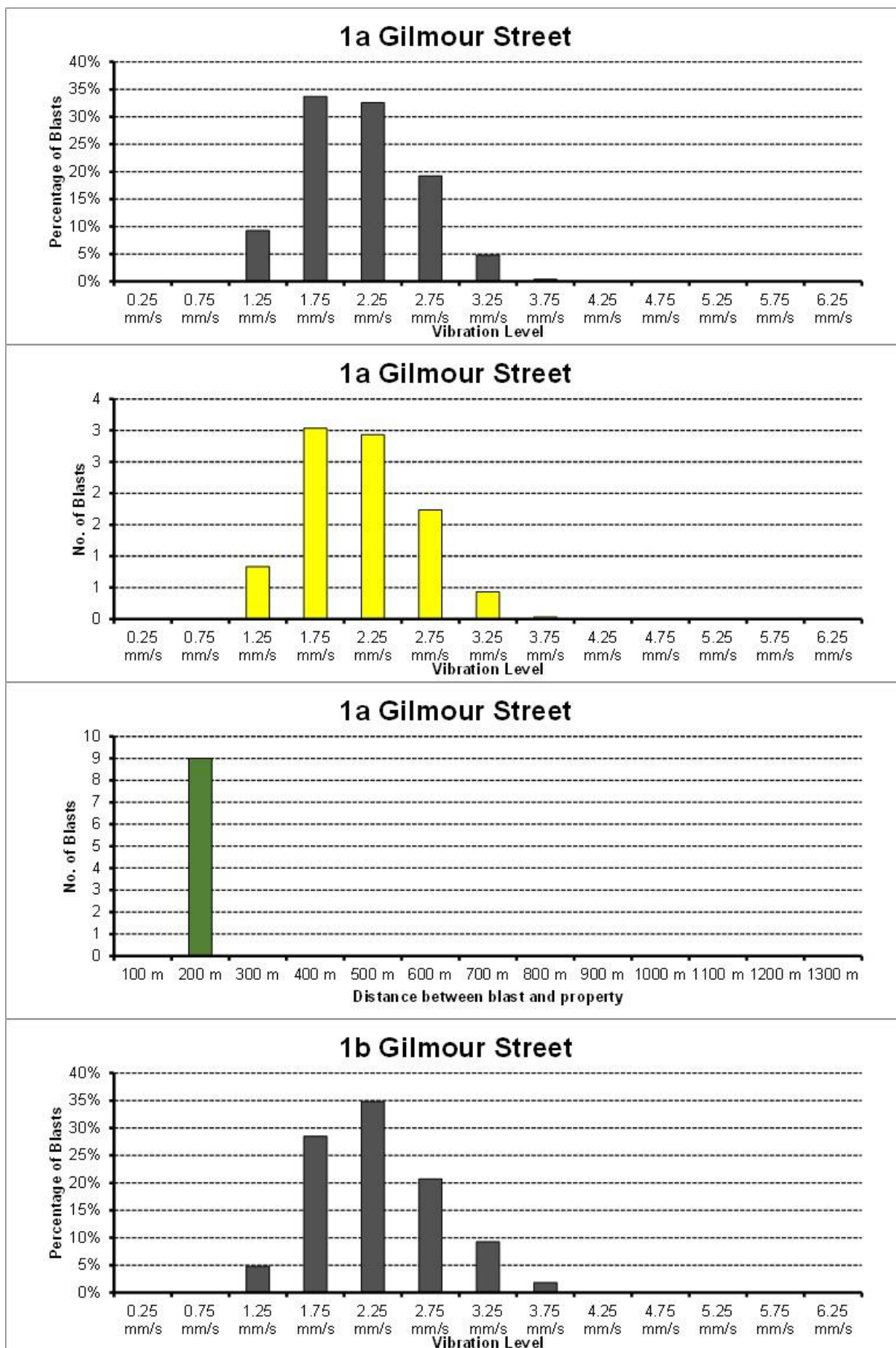


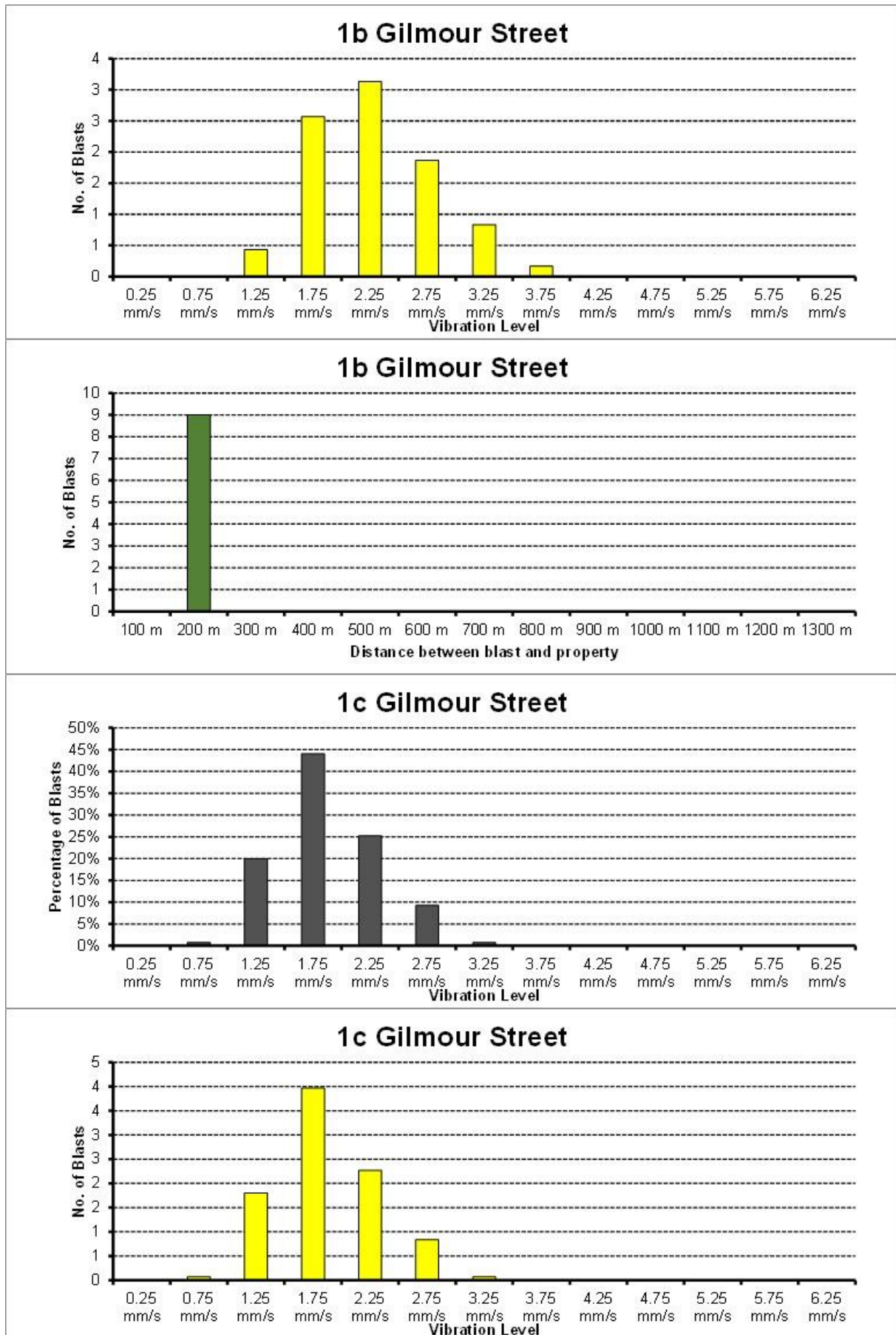


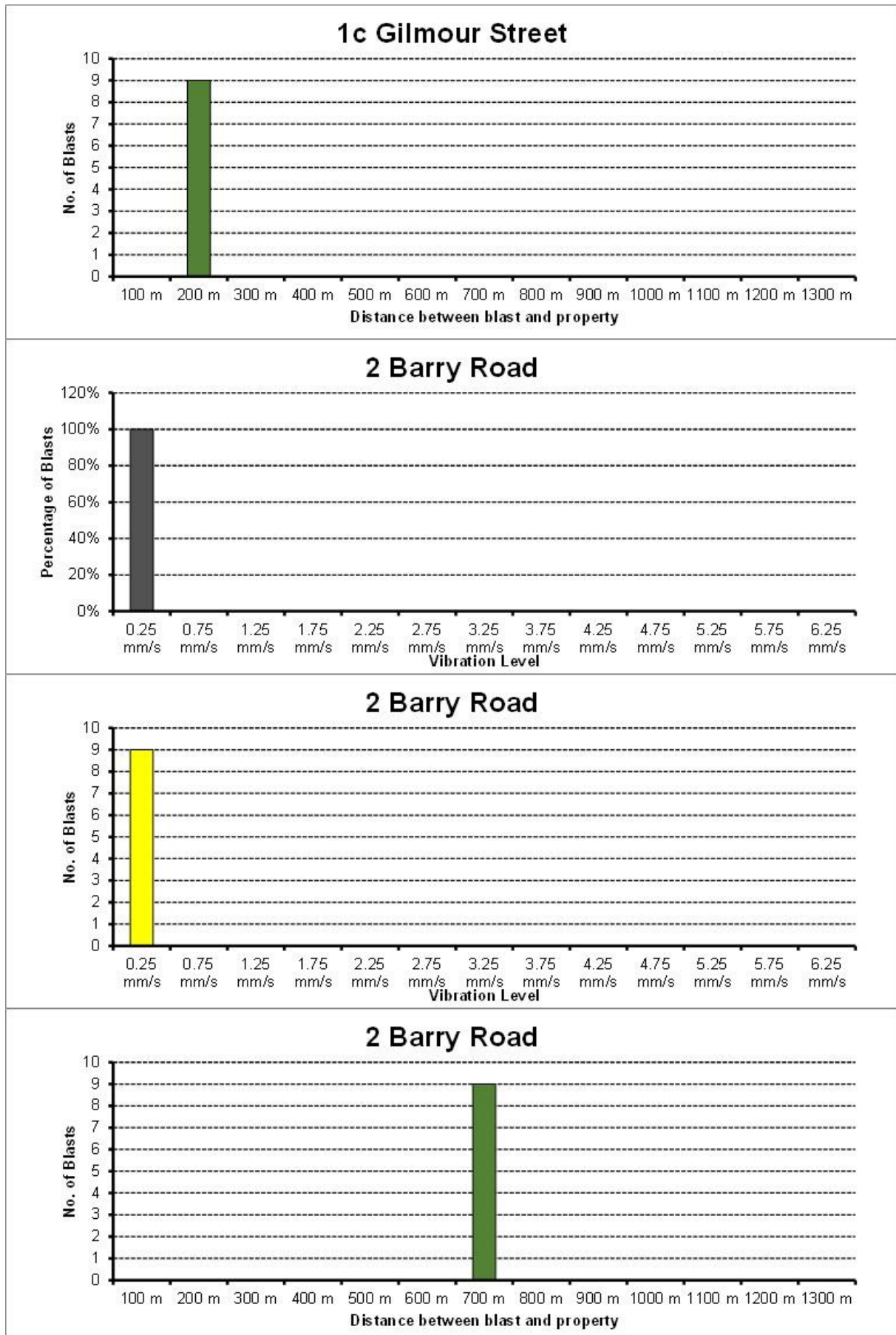




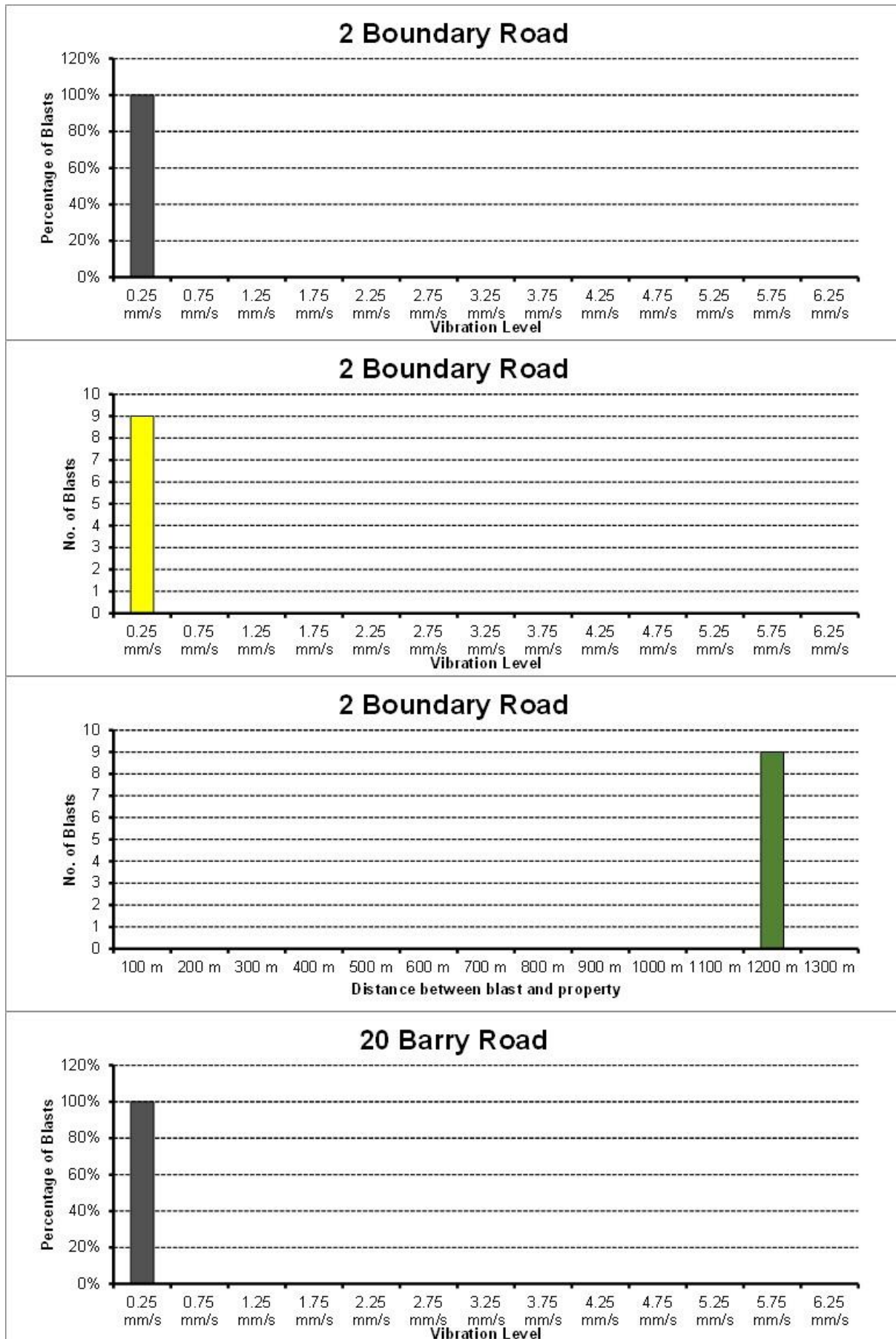


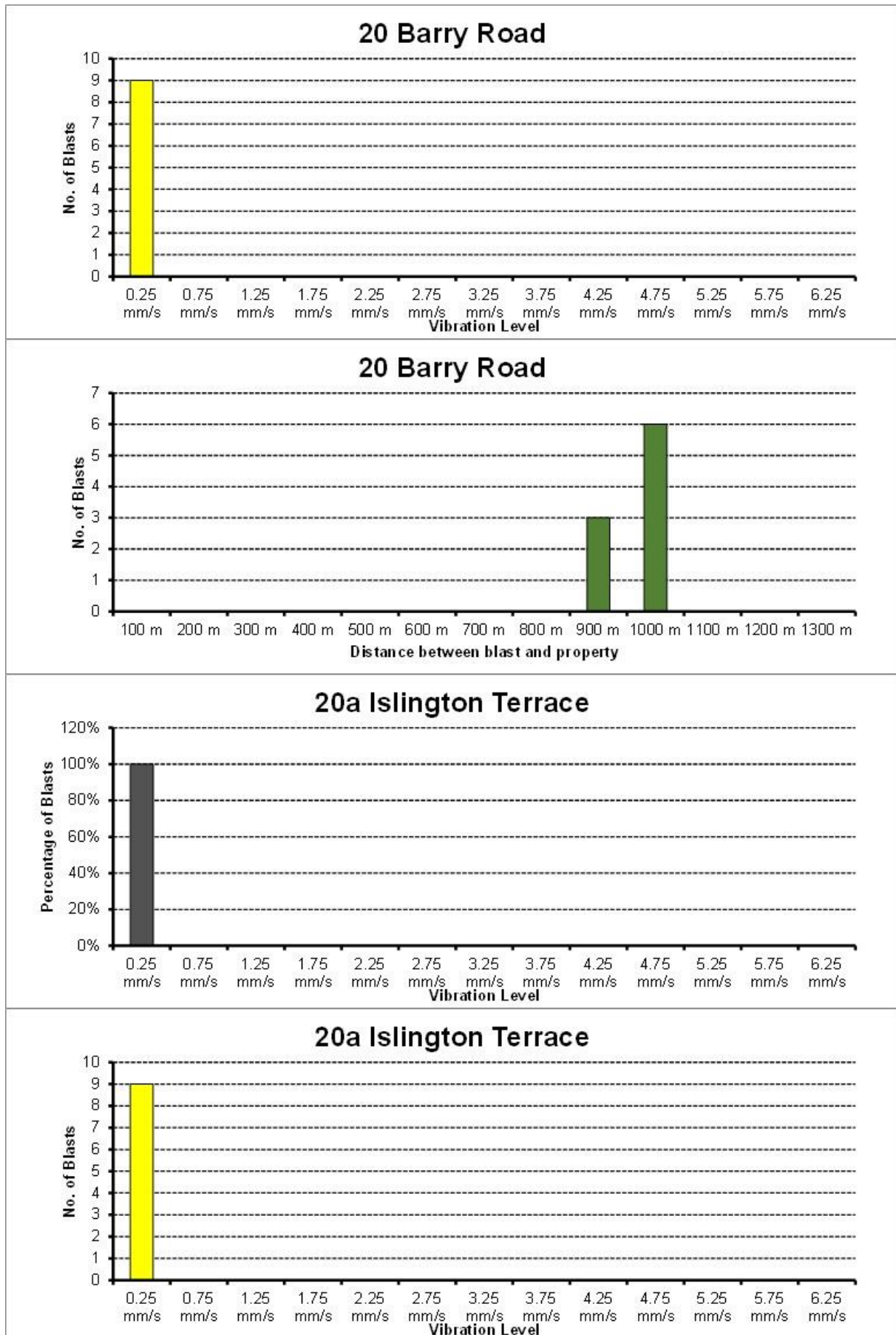


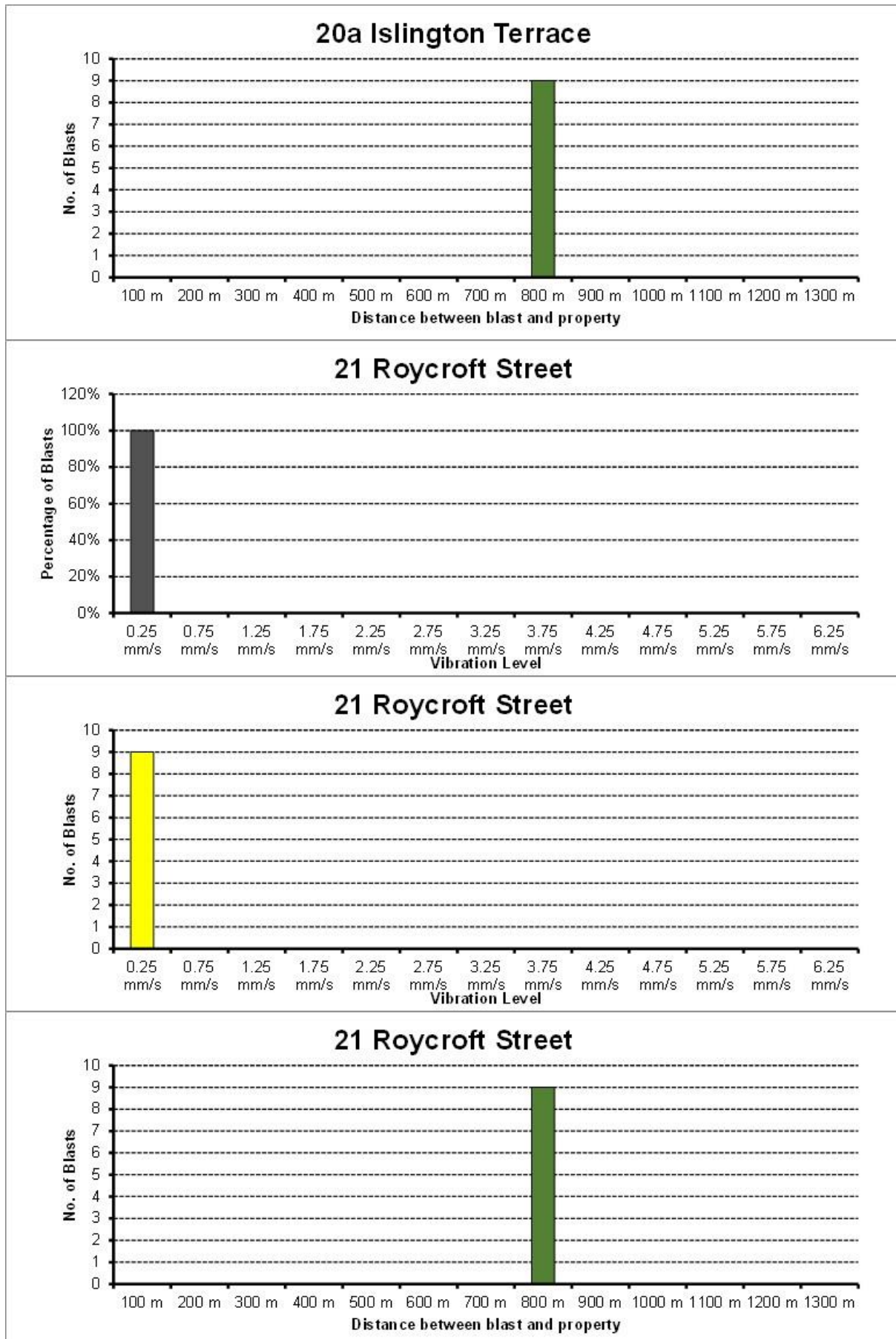




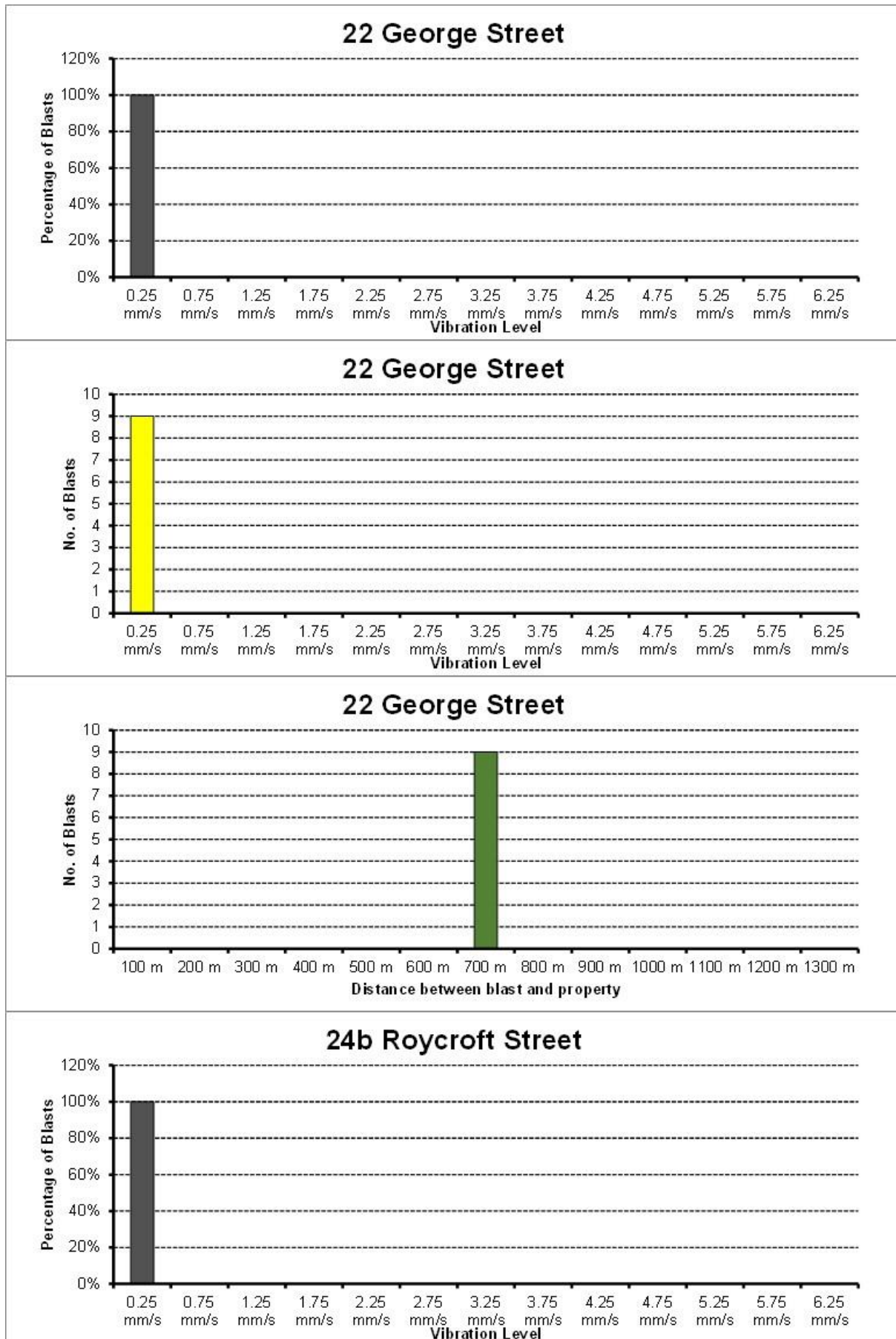


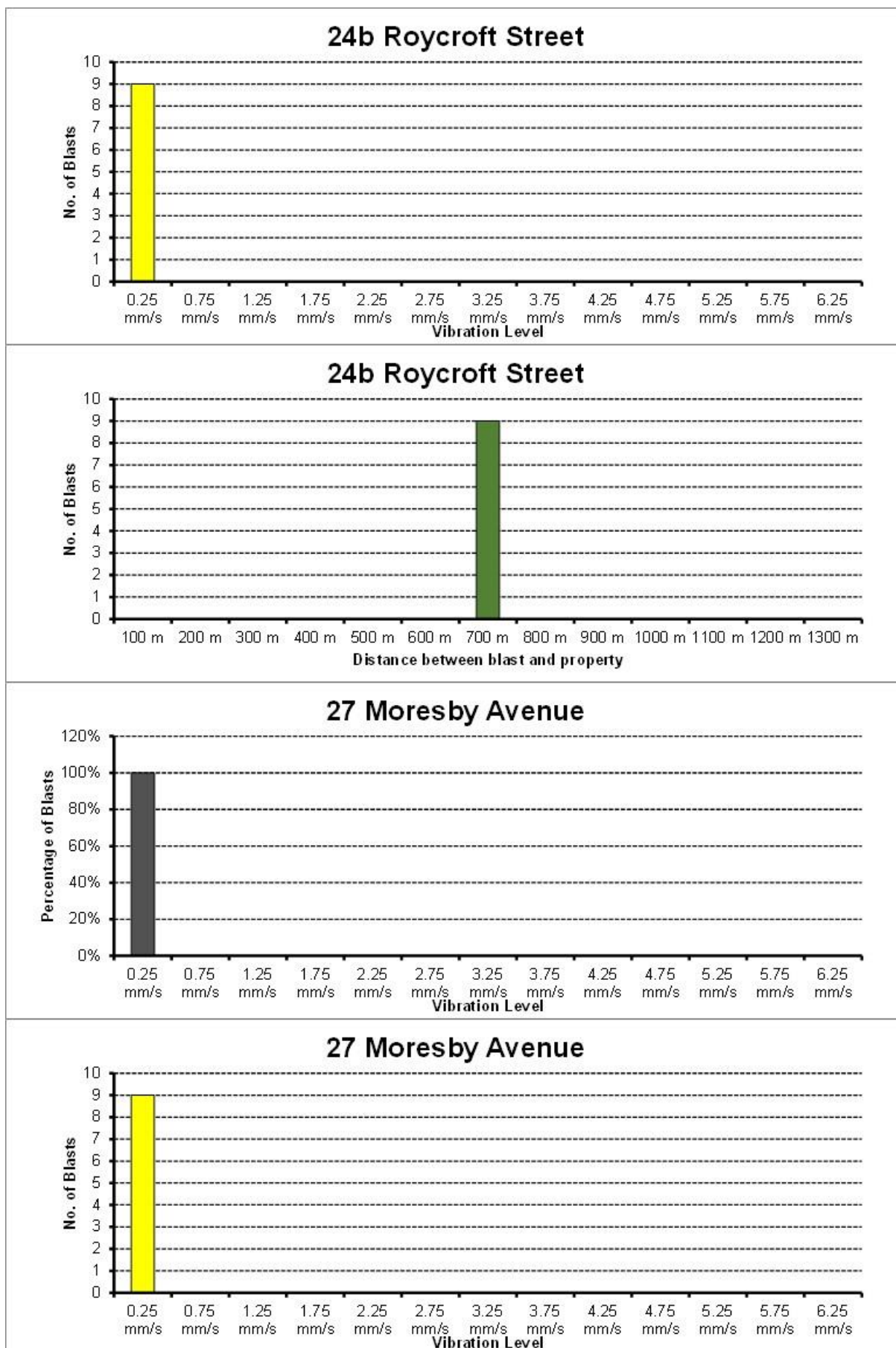


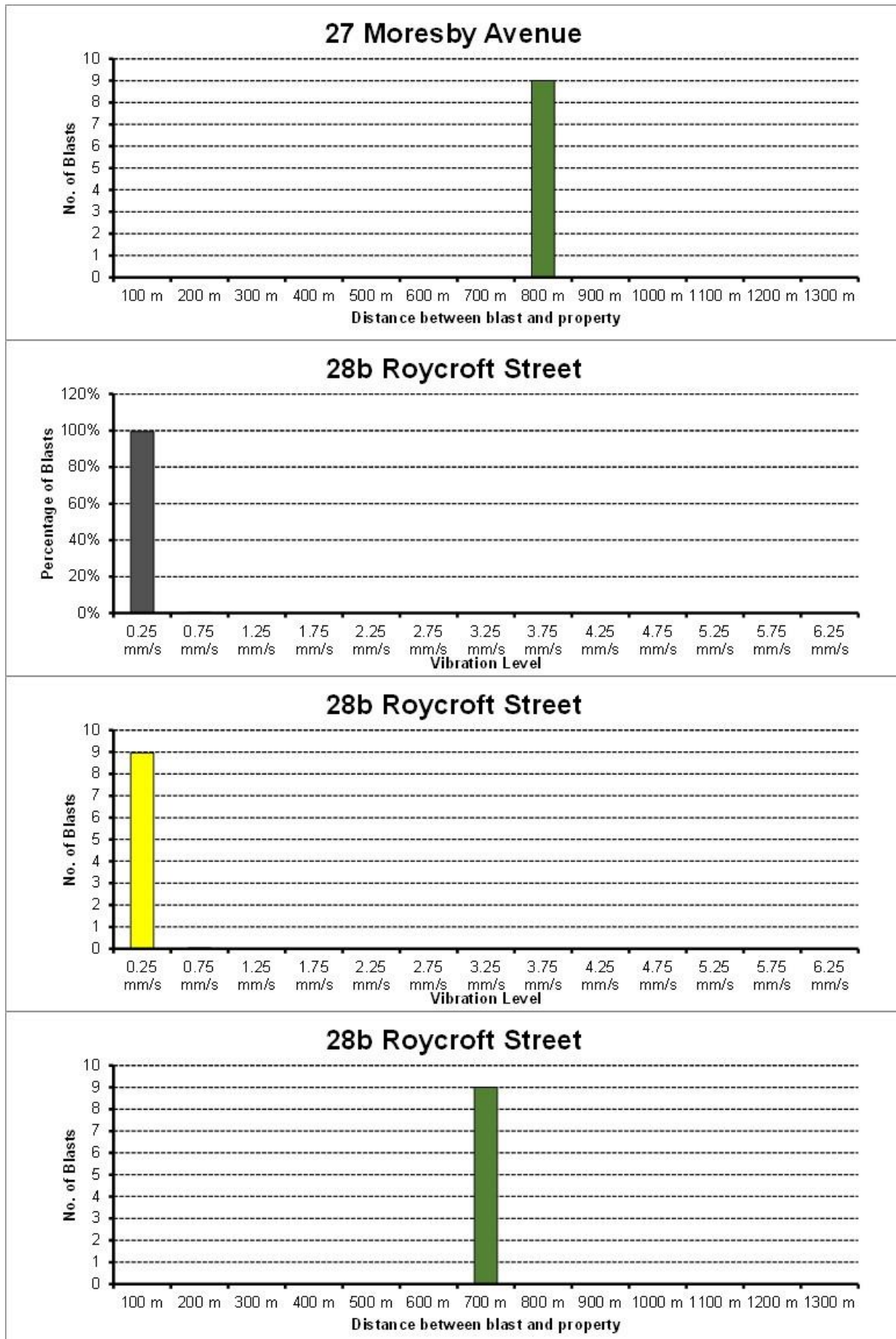




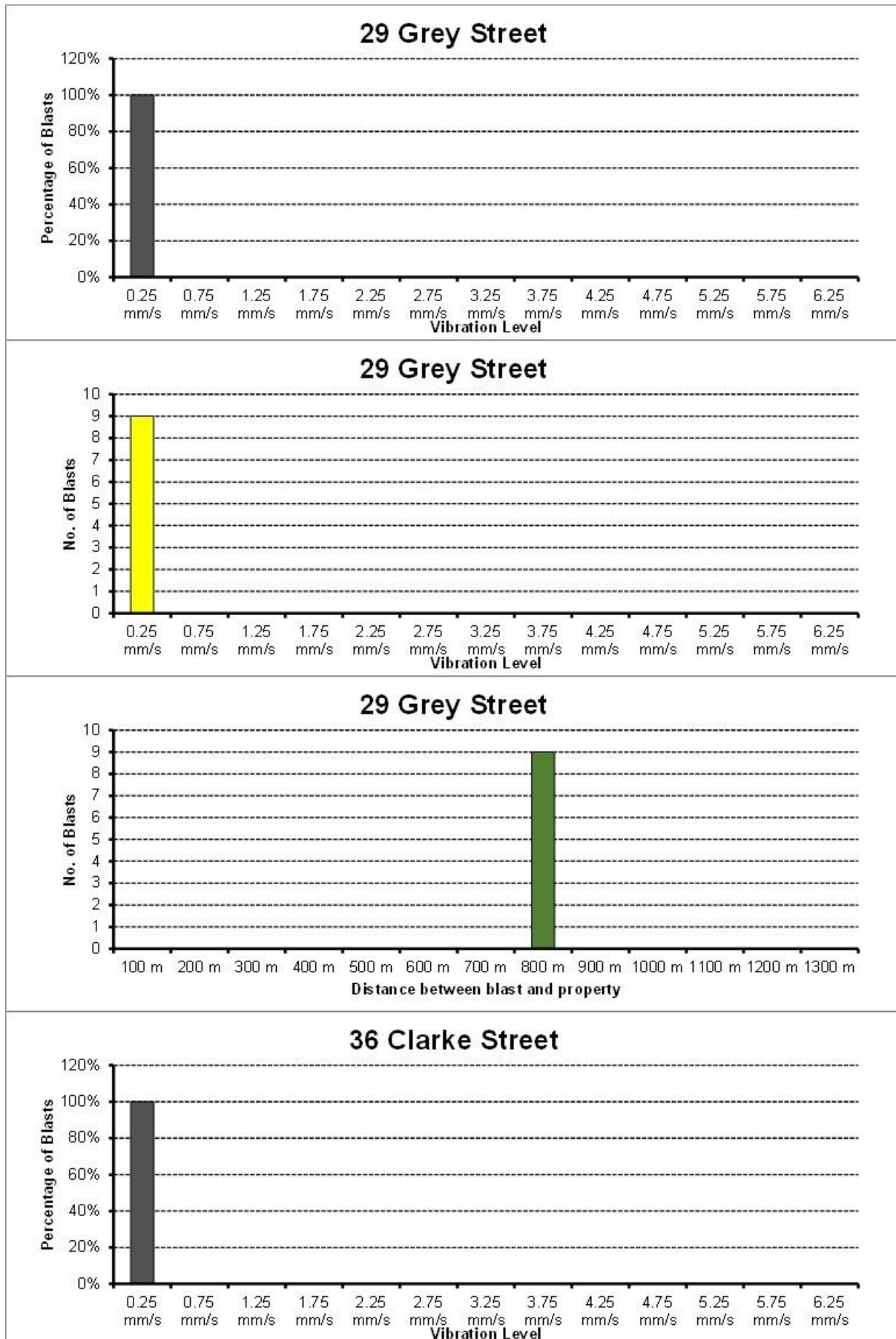


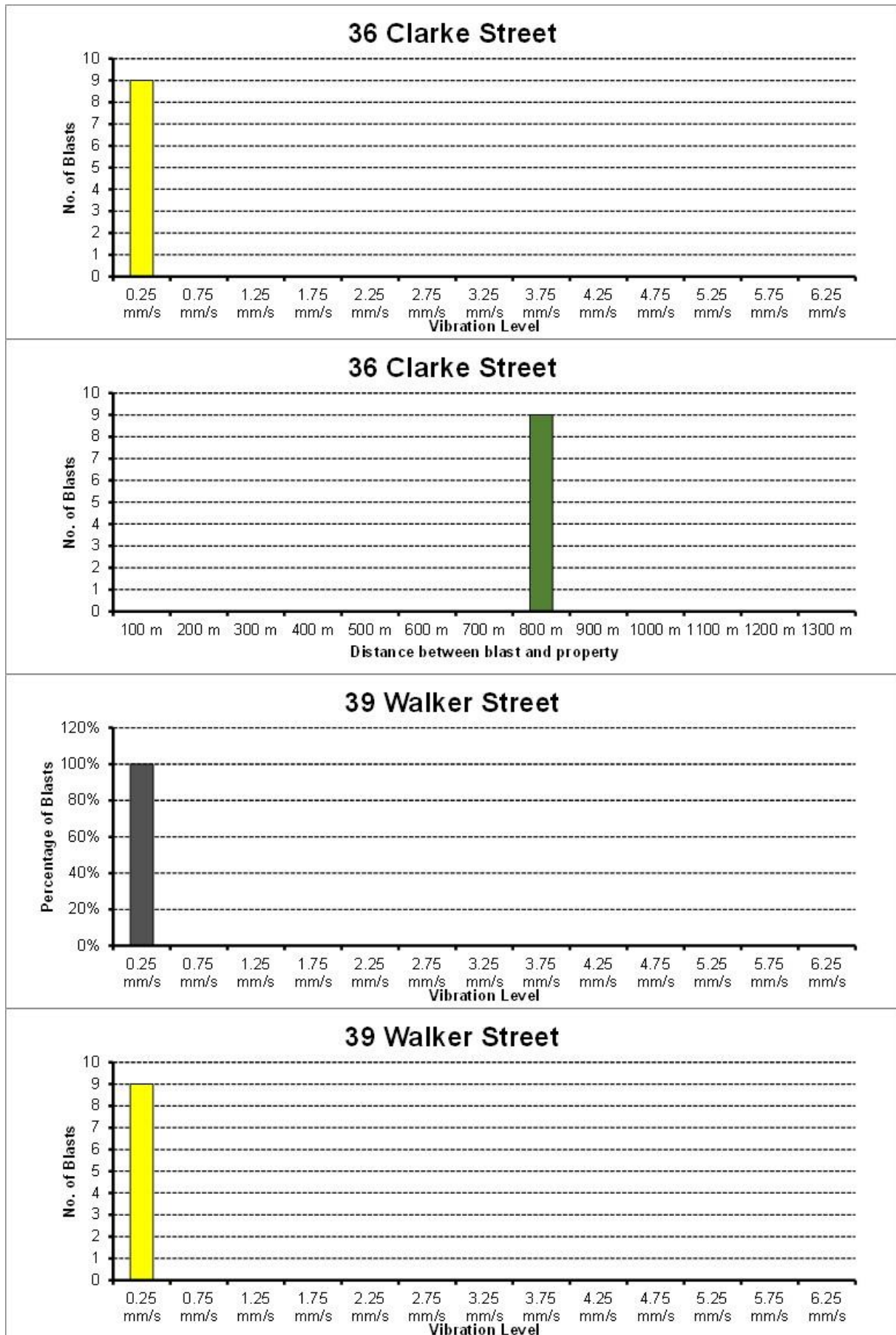


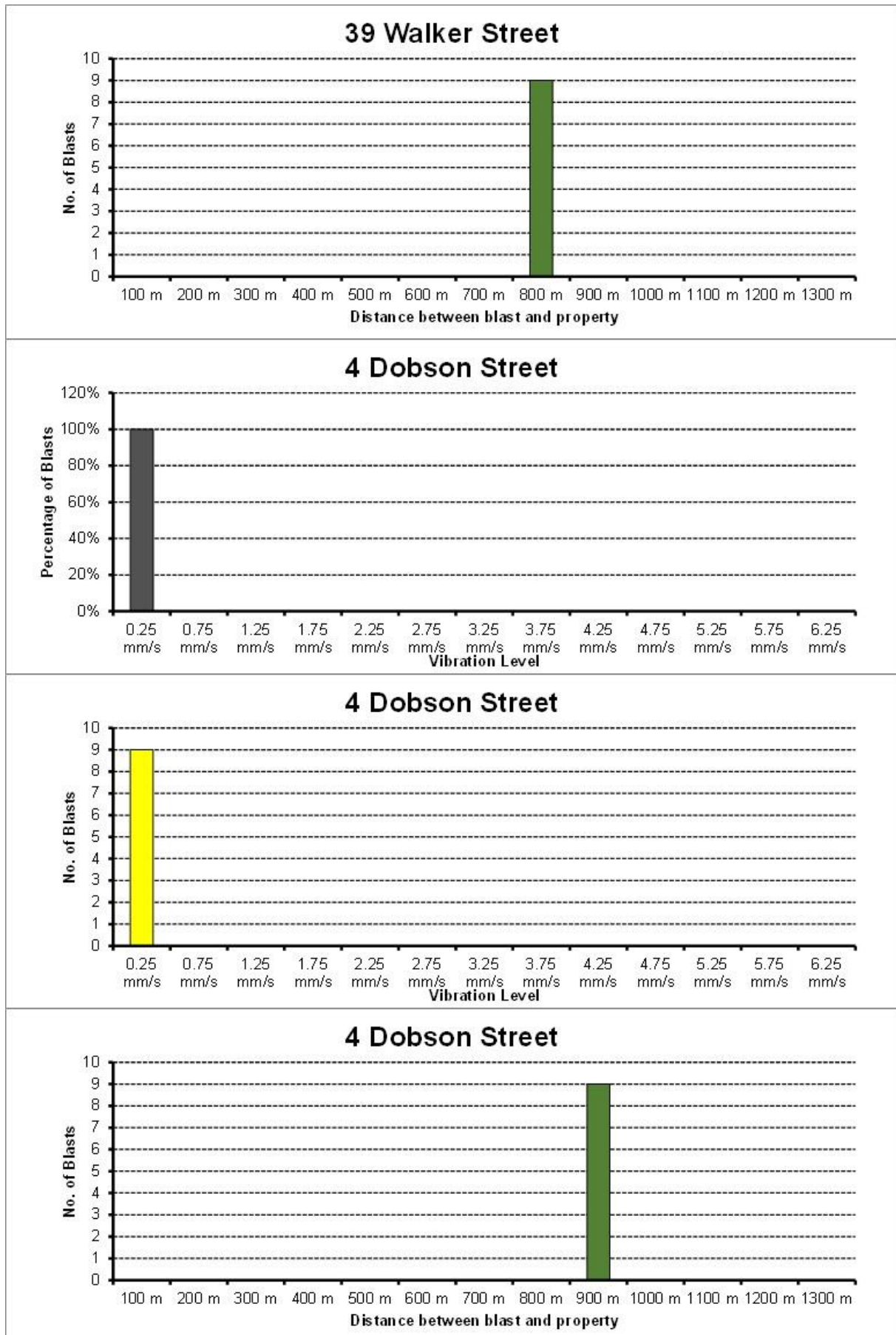




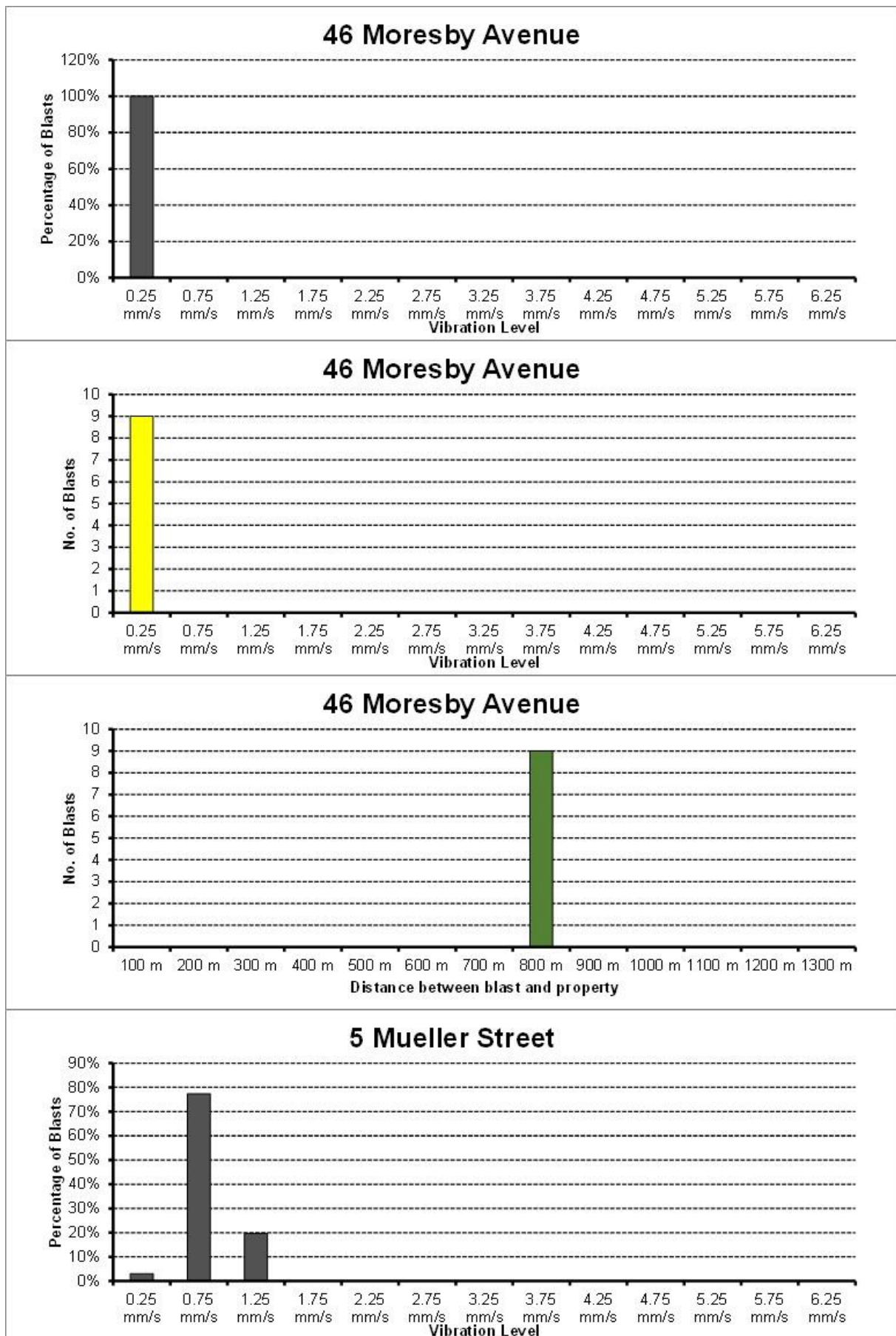




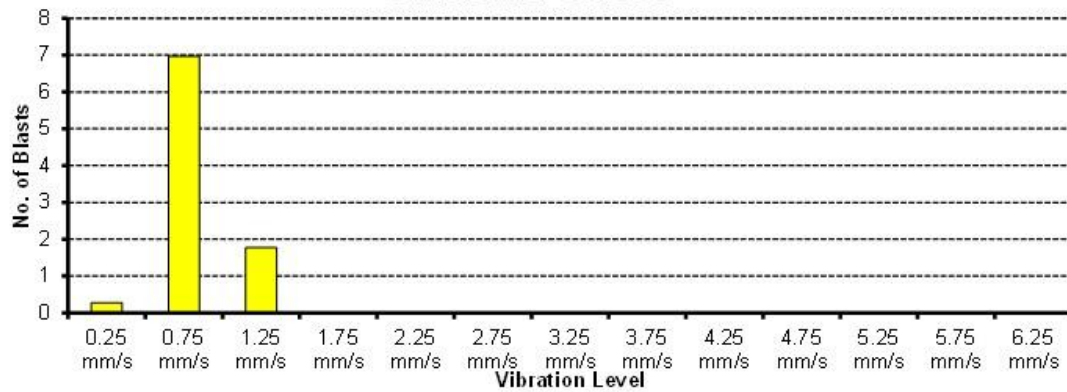




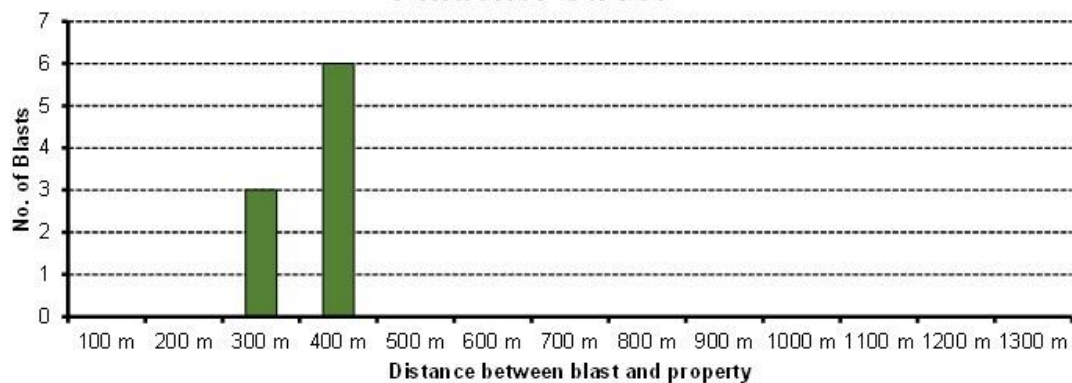




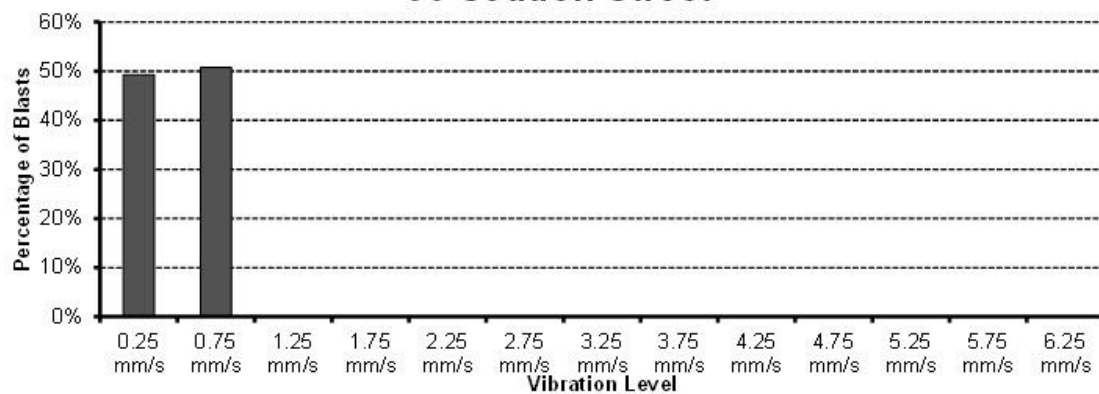
### 5 Mueller Street



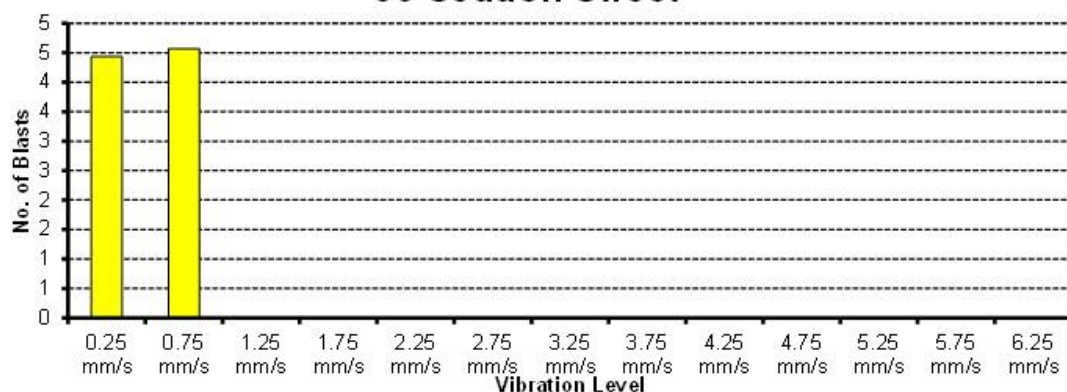
### 5 Mueller Street

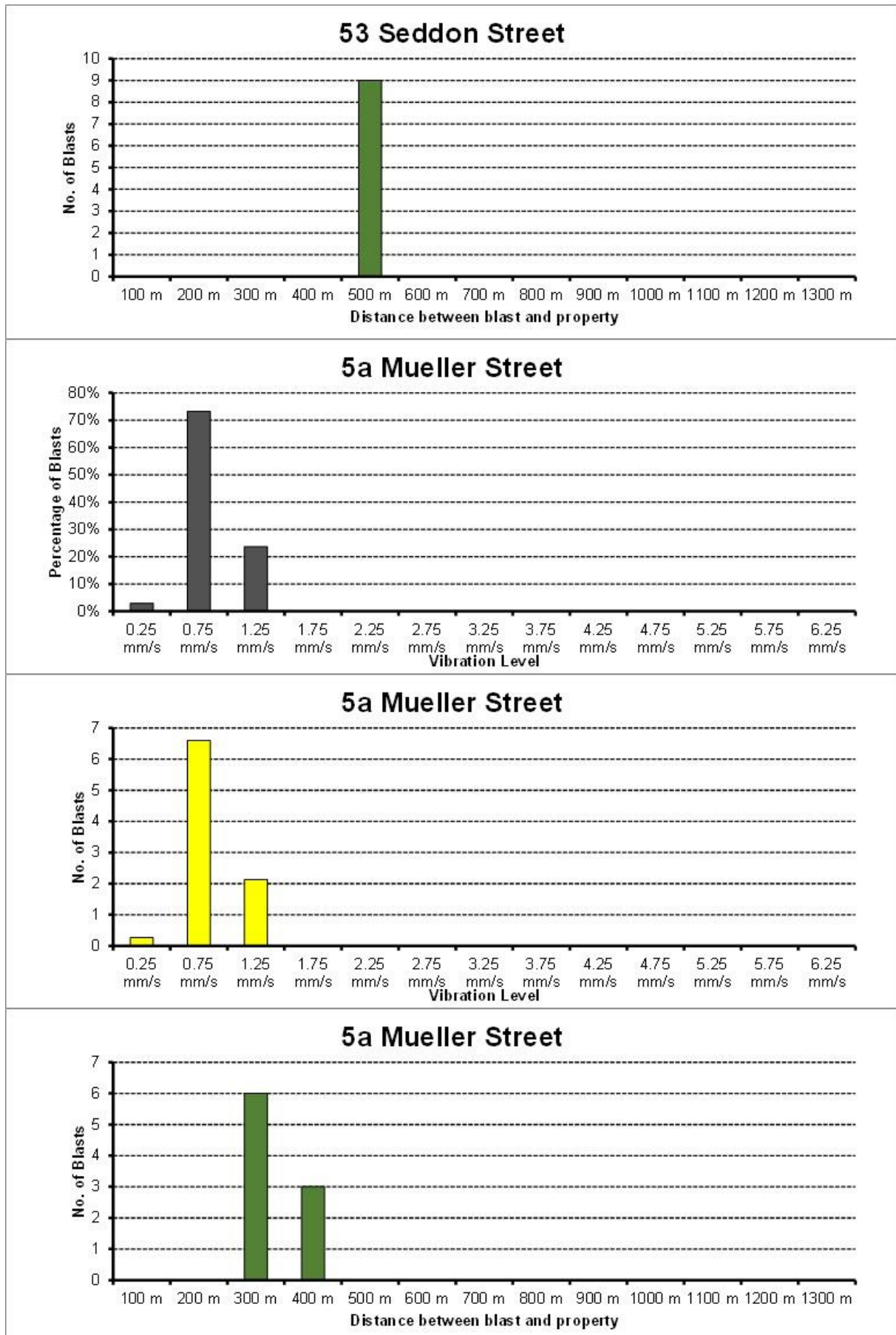


### 53 Seddon Street

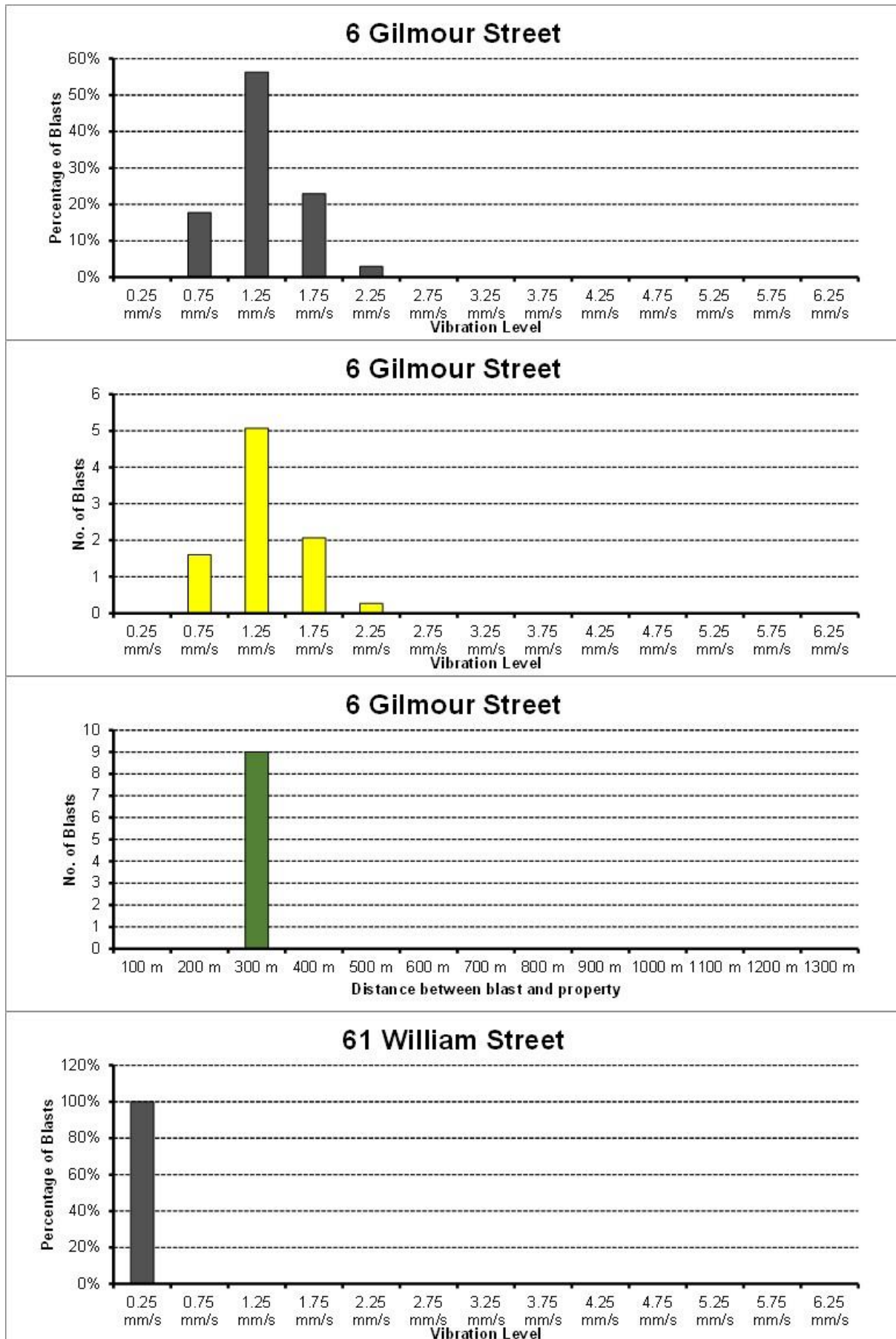


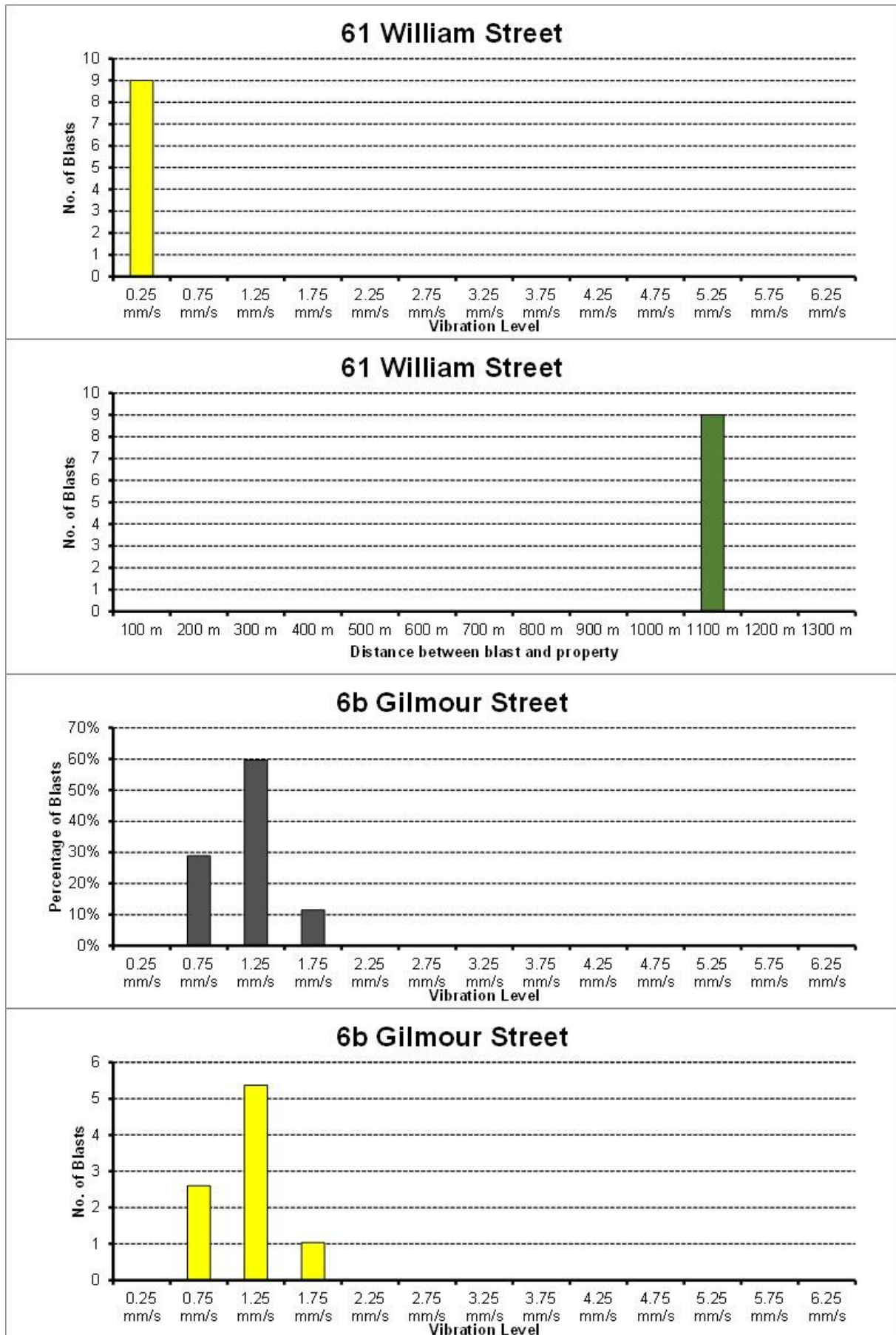
### 53 Seddon Street

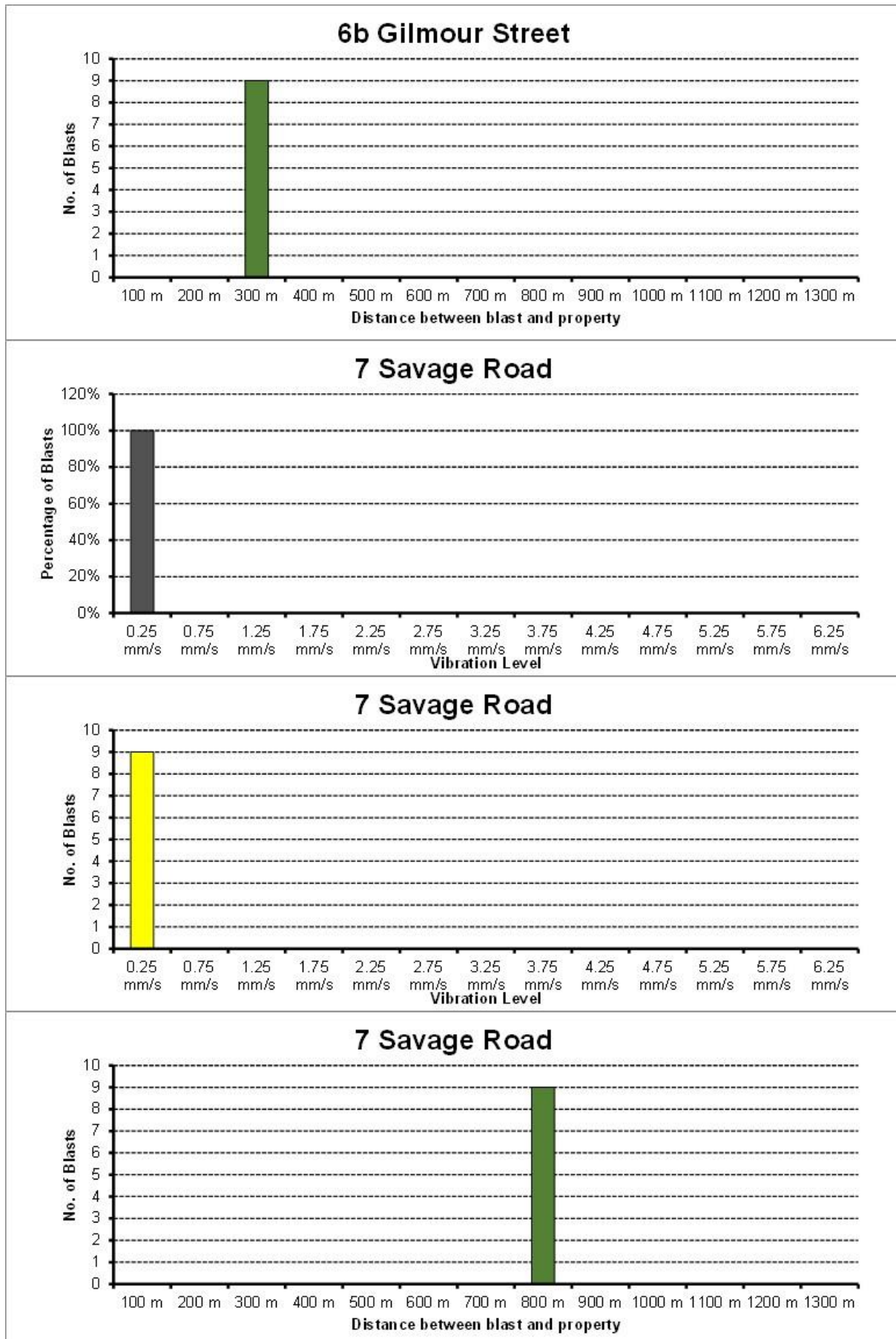




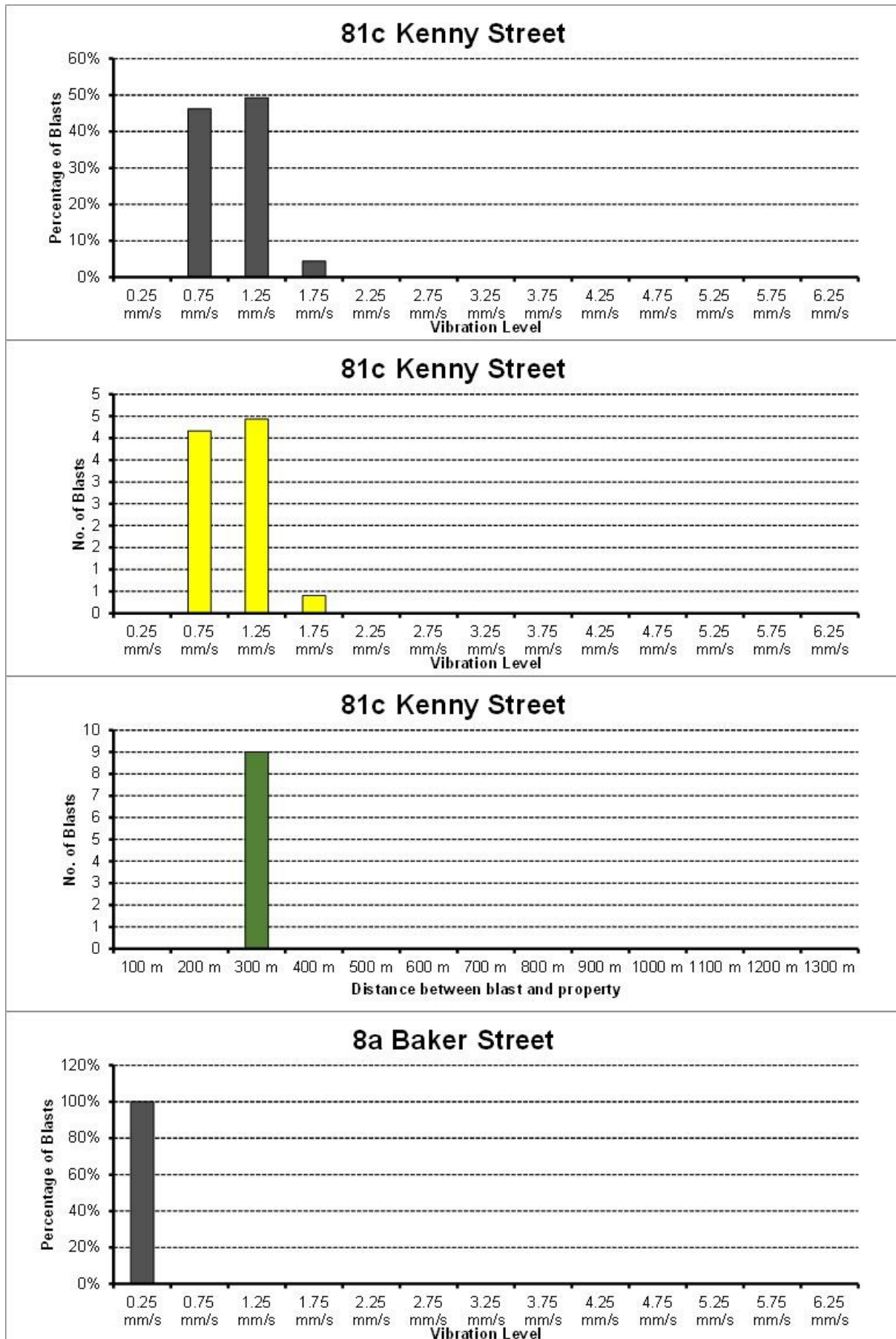




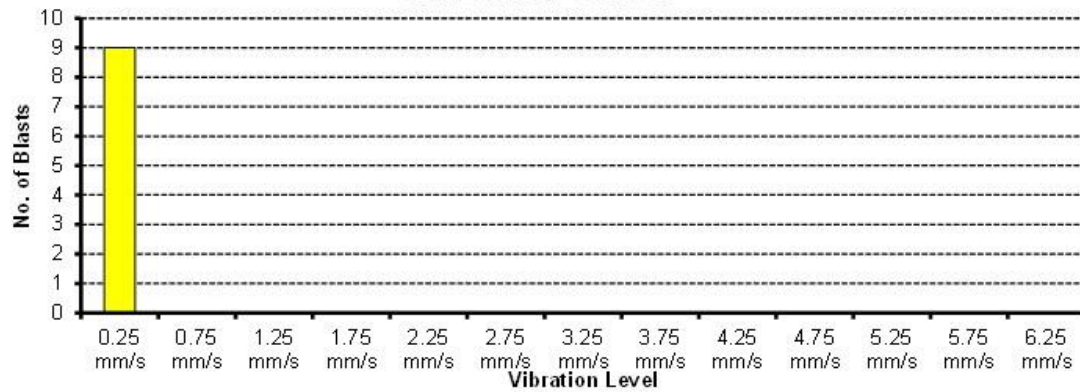




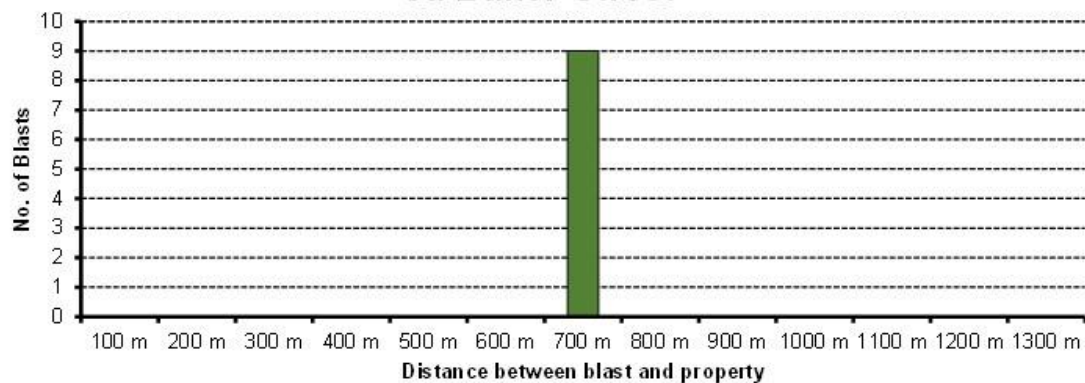




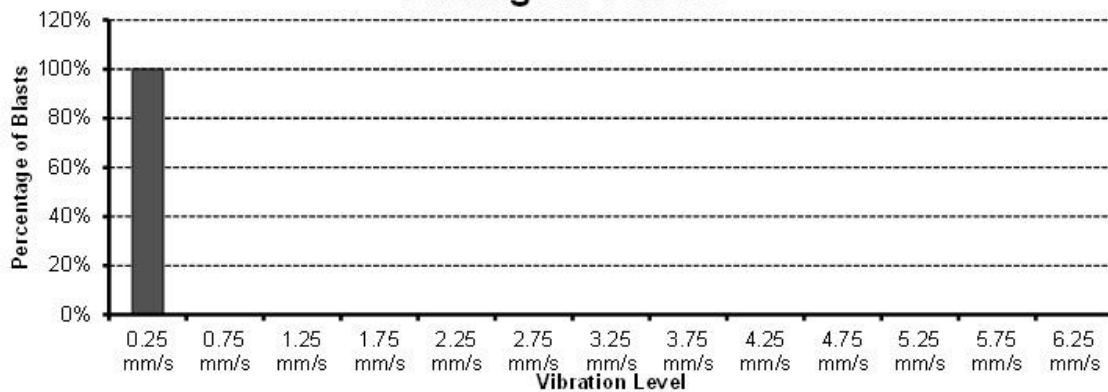
### 8a Baker Street



### 8a Baker Street



### 9 Islington Terrace



### 9 Islington Terrace

