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|---------------------------------|
| Bottling Date: 6/27/2016 |
| Blend Code: 15MRREDGR |
| Bottling Code: GR15RED |

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|----------------------------------|
| Client General's Ridge |
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|---|
| Wine Name General's Ridge Red |
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| | |
|------------------|-----|
| Bottle Size | 750 |
| Bottles per case | 12 |
| Cases per pallet | 56 |

| | | |
|------------------------|--|-----------|
| # of Full pallets | | (pallets) |
| # of Partial pallets | | (cases) |
| # of Partial Cases | | (bottles) |
| # of Unlabeled Cases | | (cases) |
| # of Unlabeled Bottles | | (bottles) |

| | | |
|--------------------------|-------|---------|
| Beginning Liters: | 2200 | |
| Ending Liters: | 0 | |
| Bottled: | Cases | Bottles |
| | 255 | |

Pre-Bottling Analysis

| Date | Tank | FSO2 | TSO2 | pH | TA | VA | ALC | RS | ML | Cold Stab |
|--------|--------|------|------|-----|------|------|--------|------------|----|-----------|
| | | | | | | | | 0 | 0 | |
| 6-Jun | bench | | | 3.6 | 5.63 | 0.57 | 11.40% | add 40 g/L | | |
| 26-Jun | T063 | 40 | | | | | | | | |
| 27-Jun | T063 | 40 | | | | | | | | |
| 27-Jun | bottle | 41 | 92.2 | | | | | | | |

| | DO | Temp | CO2 |
|------------|------|-------|-------|
| ~1 day (1) | 5.6 | 19.2C | 690 |
| ~1 day (2) | | | |
| ~1 day (3) | | | |
| Btlg Tank | 0.55 | 18.0C | 500 |
| Btl #1 | 1.07 | 20.8C | 465.0 |
| Btl #2 | | | |

| Composition | | | | |
|-------------------|-------------|--|----------------------------|--|
| Merlot | Chambourcin | | | |
| 50.00% | 50.00% | | | |
| Source Fruit | | | | |
| Northern Neck GWB | | | | |
| 100.00% | | | | |
| Harvest Dates | | | Cooperage | |
| Sep-15 | | | fermentation in open top | |
| | | | aged in neutral french oak | |

Acid Trial

| g/L | pH |
|------|----|
| 0 | |
| 0.25 | |
| 0.5 | |
| 0.75 | |
| 1 | |

Heat Stability/Bentonite Trial

| Bent (g/L) | Initial NTU | Final NTU | Difference |
|------------|-------------|-----------|------------|
| 0 | | | 0 |
| 0.1 | | | 0 |
| 0.2 | | | 0 |
| 0.3 | | | 0 |
| 0.4 | | | |

| Addition | Rate |
|----------|------|
| | |
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