### Generalized Section for the Amity Quadrangle

**Scale:** 1 Inch = 200 Feet

<table>
<thead>
<tr>
<th>Formation Name</th>
<th>Symbol</th>
<th>Columnar Section</th>
<th>Thickness in Feet</th>
<th>Names of Members</th>
<th>Character of Members</th>
<th>General Character of Formations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green Formation</td>
<td>Cg</td>
<td>370±</td>
<td></td>
<td></td>
<td></td>
<td>Soft shaly and sandy shales, with thin limestones and a few coal beds.</td>
</tr>
<tr>
<td>Washington Formation</td>
<td>Cw</td>
<td>250-400</td>
<td></td>
<td></td>
<td></td>
<td>Soft shaly and sandy shales, with interbedded hard sandstone and limestones, and coal beds of little value.</td>
</tr>
<tr>
<td>Monongahela Formation</td>
<td>Cmy</td>
<td>300-360</td>
<td></td>
<td></td>
<td></td>
<td>Limestones, shales, sandstones, and coal beds; the most important coal-bearing formation of southwestern Pennsylvania.</td>
</tr>
<tr>
<td>Conemaugh Formation</td>
<td>Con</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Sections of Deep Wells in the Amity Quadrangle and Vicinity

**Scale:** 1 Inch = 400 Feet

1. GANTZ, Borough of Washington No. 1
2. E. T. HYDE, Three-Quarters Mile East of Munnerton No. 2
3. JAS. M. MILLER, One-Half Mile North of Beallsville No. 3
4. MITCHELL, Est Pike Run Township No. 4
5. LUSE, One-Half Mile South West of Beallsville No. 5
6. J. L. THOMPSON, One Mile Northwest of Deemston No. 6
7. J. L. THOMPSON, One Half Mile Northwest of Deemston No. 7
8. J. L. THOMPSON, One Fifth Mile Northwest of Deemston No. 8
9. WM. CRUMRINE, One Mile Northeast of Zollarsville No. 9
10. A. B. CRUMRINE, One Mile Northeast of Zollarsville No. 10
11. MATILDA DAVIS, Three-Quarters Mile East of Zollarsville No. 11

**Diagram Showing Location of Deep Wells in the Amity Quadrangle and Vicinity**

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FREDERICK G. CLAPP, Geologist.