**Soil Field Notes** Project Date

**Location Number**

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| **Depth** | **Texture** | **Color** | **Moisture** | **Density** | **Notes** |
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| **Depth** | **Texture** | **Color** | **Moisture** | **Density** | **Notes** |
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**Moisture code** Dry DR **Density code** Loose LS Copyright 2013

Damp DP Soft SF Urban Trees + Soils

Moist MO Firm FM

Wet WT Hard HD

Saturated SA Refusal R

Note the following gradations of terms for moisture and compaction are used to describe soil conditions. Soil textures should USDA terminology as estimated by feel method during the digging process.

**Moisture:** terminology for soil moisture from dry to wet as determined by visual analysis and feel.

Dry – soil will not hold together after being crushed

Damp – soil will marginally hold together when crushed

Moist – soil can be formed into a ball

Wet – soil sticks together and will stick to the hand

Saturated – free water observed on the soil

**Density:** terminology for soil density from loose to solid as felt during the angering process. *Note that dry soils can “feel’ compacted, while compacted soil can “feel” soft when moist. The presence of roots is a better indication of compaction below root limiting levels.*

Loose – auger easily penetrates the soil

Soft – auger penetrates the soil with moderate effort

Firm – auger requires strong push to penetrate the soil

Hard – auger requires maximum pressure to penetrate the soil

Refusal – auger refuses to penetrate the soil

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