

## **Photographic Methods for the Cottage Grove Objects and Backgrounds**

Time & Date Taken: 1:00-1:30 Nov. 18, 2003

Place: Cottage Grove Minnesota (near Saint Paul) residential environment, outdoors

Lighting Conditions: Full sun

Camera: Cannon EOS D30

Lens: Cannon 28-105mm

Filter: Crystal-Optics UV

Focus: Manual

Tripod: Bogen-Manfrotto 3221 with 410 head

### Camera Settings:

File Format: Raw, 16 bits per color channel

White Balance: Daylight

Mode: aperture priority (Av dial setting), auto shutter speed

Aperture: 22

Shutter Control: timer

Metering Mode: Evaluative

ISO: 100

Image Size: 2160 X 1440

Camera body no.: 143601405

Exposure Compensation: -1/2

TV,AV and exposure level:1/2-stop

Yaw Angle Between Camera & Sun: 45°

Pitch Angle of Camera: -45

**6 Artificial Object, 6 Natural Object, and 12 Background Images**

<u>Image</u>	<u>Shutter Speed</u>	<u>Zoom (in mm)</u>
dumbbell	1/30	85mm
girls sneaker	1/30	50mm
ladle	1/20	50mm
monkey wrench	1/8	45mm
toy bulldozer	1/15	105mm
toy iron	1/90	63mm
bat	1/6	78mm
cougar skull	1/60	70mm
mule deer antler	1/10	28mm
nautilus fossil	1/45	105mm
sharks tooth fossil	1/10	105mm
shell	1/30	105mm
black dirt	1/15	105mm
cobble stones	1/45	45mm
deck	1/60	45mm
driveway	1/30	45mm
drop cloth	1/90	45mm
dry weeds	1/45	72mm
foam rubber	1/60	100mm
lawn	1/20	45mm
milk crate	1/45	105mm
mowed leaves	1/20	45mm
pine needles	1/45	48mm
plain pavers	1/20	72mm