Metallurgy Lab: Machining Cast Parts

Name: _____

Safety: Wear safety glasses. Appropriate Machine Shop Attire

Date: _____

Materials: Aluminum pucks, ingots, alloyed pucks/ingots

Procedure:

Machine pucks and ingot—cutting, sawing, drilled, etc.

Observation report:

Describe what you remember from the foundry pouring which produced these pucks and ingots.

Consider the pour temperatures and conditions—the crucibles and the molds and quenching methods as well as anything else you observed or remember.

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Machining Report:

Metal sample Foundry Process Guess	Type of Machining	Surface Condition	Interior Observation