

Cookie Mining Activity Purchaser _____ Bookkeeper _____ Laborer _____

Mining Start-up funds \$19. Get **ONE** cookie (you can buy more cookies later if you have the funds to do so).

A. Land Acquisition:

Price of your land (cookie): _____ \$2, _____ \$4, _____ \$6

Name of cookie: _____ **Total Land Acquisition:** \$ _____

Size of mine (cookie): Put the cookie on the graph paper and **TRACE** around the outside of the cookie. Count **ALL** of the squares that the cookie touches as part of your mine (*even if full square is not used*).

Squares covered pre-mining (used later for reclamation): _____

B. Equipment Costs: EACH toothpick or paper clip has a cost—if you break the toothpick and get a new one, you pay for it!

Toothpick: _____ x \$3

Paper clip: _____ x \$6

Total equipment costs: \$ _____

C. Mining/Excavation Costs: Chip removal . . . pay attention to your time—you have 5 minutes **MAX** to remove the coal. Keep your cookie on the graph paper—do not touch your cookie except with your tools—no fingers.

Number of minutes: _____ x \$1

Total excavation costs: \$ _____

D. Mining Valuation:

Number of completely whole chips: _____ x \$1

Number of completely whole chunks: _____ x \$2

Partial chips and/or chunks: _____ x \$0.10

Gross profit: \$ _____

E. Reclamation: Using only the mining tool(s), put all the cookie remains on the graph paper—and the crumbs fall where they may. If a square is touched, you pay for the square.

Squares covered outside the original outline: _____ x \$2

Total reclamation costs: \$ _____

F. Profit/Loss:

Startup funds: _____ \$ _____

Less total mining costs (A, B, and C): _____ \$ _____

Less total reclamation costs E: _____ \$ _____

Plus gross profit (D): _____ \$ _____

Total profit/loss: _____ \$ _____

G. Answer the following questions (in detail) BELOW the graph:

- a. What worked well in your mining operations?
- b. What would you improve in your next venture?
- c. Can you afford to buy another cookie? Why/why not. Profitable mines may purchase one for consumption.

