January 31, 1990

Craig Groves
Nongame and Endangered Wildlife Program
Idaho Department of Fish and Game
Box 25
Boise, Idaho 83707

Dear Mr. Groves;

As we discussed on the phone earlier this month, enclosed is a copy of the Craters of the Moon National Monument Baseline Inventory and Monitoring Final Report by Roger Hoffman.

I recently spoke with Roger Hoffman about the Townsend's Long-eared maternity colony. He actually observed maternity colonies in several different lava tubes on different occasions. Since the caves are located in close proximity, he feels that perhaps the same colony was using several caves at different times. All of the caves are located in the Grassy Cone Lava Flow in T2N, R24E, Section 34, SW 1/4. I've enclosed a copy of a map to give you more idea of the location. If you plan to be in the Craters of the Moon area anytime, let me know and I'll take you on a "bat cave tour"!

The bats were observed in 1987 and again in 1988. Roger and I observed approximately 60 bats in one of the lava tubes in mid-July, 1988. Martha Wackenhut and I returned to the cave on August 16, 1988, but the bats had apparently left for the season. Martha took the following measurements in the cave: temperature 16 degrees C; relative humidity 51%; Dewpoint 45 degrees F. On four trips during May, June, and July in 1989, Martha and I observed only one bat.

I have been having some difficulty with our database in tracking down the exact dates that Townsend's Long-eared maternity colonies were observed. I will let you know that information as soon as I get it.

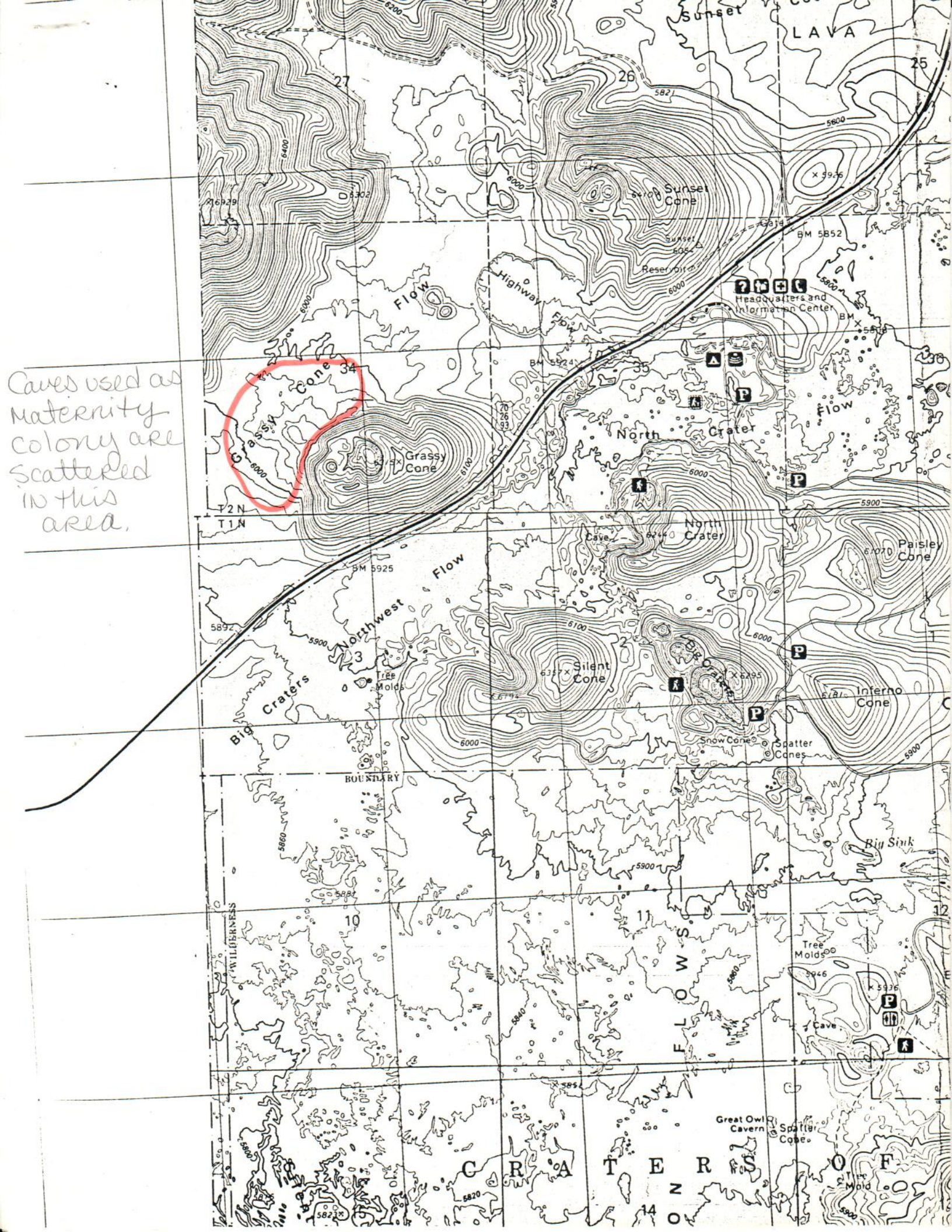
If you have any questions, I can be reached at 527-3257.

Sincerely;

Shelley Sparhawk
Resource Management Specialist

bcc: Sparhawk

no envelope


Caves used as maternity colony are scattered in this area.
Sunset
LAVA
Sunset Cone
Sunset Reservoir
BM 5852
Highway
Flow
Headquarters and Information Center
BM 5918
BM 5924
Grassy Cone 34
Grassy Cone
North Crater
Flow
T2N
T1N
North Crater
Cave
Paisley Cone
BM 5925
Northwest Flow
Big Craters
Tree Molds
Silent Cone
Big Craters
Inferno Cone
Snow Cone
Spatter Cones
BOUNDARY
Big Sink
WILDERNESS
FLOWS
Tree Molds
Cave
Great Owl Cavern
Spatter Cone
CRATERS OF
Tree Mold