OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
INTERPRETIVE MAP SERIES 24

GEOLOGIC HAZARDS, EARTHQUAKE AND LANDSLIDE HAZARD MAPS, AND FUTURE EARTHQUAKE DAMAGE ESTIMATES FOR SIX COUNTIES IN THE MID/SOUTHERN WILLAMETTE VALLEY INCLUDING YAMHILL, MARION, POLK, BENTON, LINN, AND LANE COUNTIES AND THE CITY OF ALBANY, OREGON

APPENDIX K:
LANDSLIDE IMPACT INVENTORY DATA SHEET

The sample landslide impact inventory data form (shown on the next pages) may be used to collect information on future landslides. For example, the simple data form can be used in conjunction with the initial GIS database to efficiently gather new data on smaller numbers of landslide events. For more widespread events with larger numbers of landslide effects, GIS and/or spreadsheet applications can be used to efficiently incorporate new information and expand on this initial GIS file.

INVENTORY OF LANDSLIDES IN OREGON

This inventory sheet has been developed to facilitate the incorporation of slide information from a variety of sources. It was originally developed to inventory the 1996 and 1997 storm events but can be used to input data from other dates. If you have a large amount of data and /or other means of transfer would be more efficient, please contact Bill Burns directly (Bill Burns).

Please send completed forms to:
Oregon Department of Geology and Mineral Industries
800 NE Oregon Street #28, Suite 965
Portland, Oregon 97232

Questions? Please contact DOGAMI at (971) 673-1555 or bill.burns@dogami.state.or.us

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800 NE Oregon Street #28, Suite 965, Portland, OR 97232
(971) 673-1555 WEB: http://www.oregongeology.com

LANDSLIDE INVENTORY DATA SHEET

Name: _____ Phone Number: _____

Title: _____ e-mail: _____

Organization: _____

Landslide Characteristics

1) Landslide ID: _____ (corresponding to your own system)

2) Landslide Name (if any):
_____

3) Location of Slide:
Coordinates (e.g. Longitude/Latitude or street address or property owner):
_____

Source of Location (e.g. field mapping on 1:24K Quads) or other (e.g. map attached, address, description):
_____
_____

4) Date(s) of Slide
Activity_____

5) Estimated Dimensions:

Length (down slope) _____ feet Width (across slope) _____ feet

Depth _____ feet

Volume _____ feet3

Estimated dimensions from (e.g. field evaluation, aerial photos):

_____

_____

(over)

LANDSLIDE INVENTORY DATA SHEET

6) Predominate type of material (circle all that apply):

Rock Debris (coarse soils) Earth (fine soils) Fill

7) Predominate type of movement (circle all that apply):

Fall/Topple Flow Translational Slide Rotational Slide Spread

8) Other Slide Characteristics:

a) Approximate original slope (e.g. 30° +/- 5°): _____

Estimated from (e.g. 1:24K USGS topo map): _____

b) Land use where slide occurred (please circle all that apply):

Forested area Harvested area Rural area Urban area Agriculture

c) Cause of slide (please circle all that apply):

Road Construction Road cut Road fill Earthquake

Pre-existing slide Steep natural slope Natural Drainage

Human built drainage Other (please describe)_____

_____

d) Damage caused by slide:

_____

_____

_____

9) Additional Comments (please use back if necessary)