

An aerial photograph of a scenic mountain valley. A wide, light-colored river winds through the center of the valley, surrounded by dense forests with vibrant yellow and orange autumn foliage. To the left, a long bridge spans a section of the river. In the background, rugged mountains rise under a cloudy sky. The text "Maintenance Form" is overlaid in the center of the image.

Maintenance Form

6/23/2017

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Typical Unstable Slope Maintenance Activities

- Debris removal
- Releveling
- Construction
 - Drainage improvement
 - Deep patch
- Scaling
- Repair
- Cleaning
 - Drains
 - Ditches

Maintenance Form

maintenance_form.php

Search

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Unstable Slope Management Program

Map Slope Rating Form New Slope Event Maintenance Form QRA Account Logout

Site Information			
Select Site id: 780	Facility Index Code Relationship/Job Code Tracking (Optional): test		Maintenance Type <input checked="" type="radio"/> New Maintenance <input type="radio"/> Repeat Maintenance (within 5 years)
Road or Trail Number: 12	Beginning Mile Marker: 12.1	Ending Mile Marker: 14.1	Agency Information: Select Agency option Select Regional option Select Local option
Type of Event: <input checked="" type="radio"/> Recent Unstable Slope Event <input type="radio"/> Routine Maintenance <input type="radio"/> Slope Mitigation/Repair	Description of Events/Activities: test		Date: 2017-04-21 16:06:50 Last edit: 2017-03-29 19:15:43
Estimated total cost of the maintenance activity			\$ 1000
Action			Cost (%)
Design, PS&E:			99 %
Removing debris from the road ditch and/or maintaining other drainage features:			0 %
Removing debris from the roadway or trail:			0 %
Re-leveling roadway (aggregate):			0 %
Re-leveling roadway (asphalt patch):			0 %
Constructing a drainage improvement:			0 %
Constructing a deep patch:			0 %
Hauling debris away from the site:			0 %
Scaling of unstable rock slopes:			0 %
Minor shifting of roadway/trail alignment:			0 %

Feedback & Support

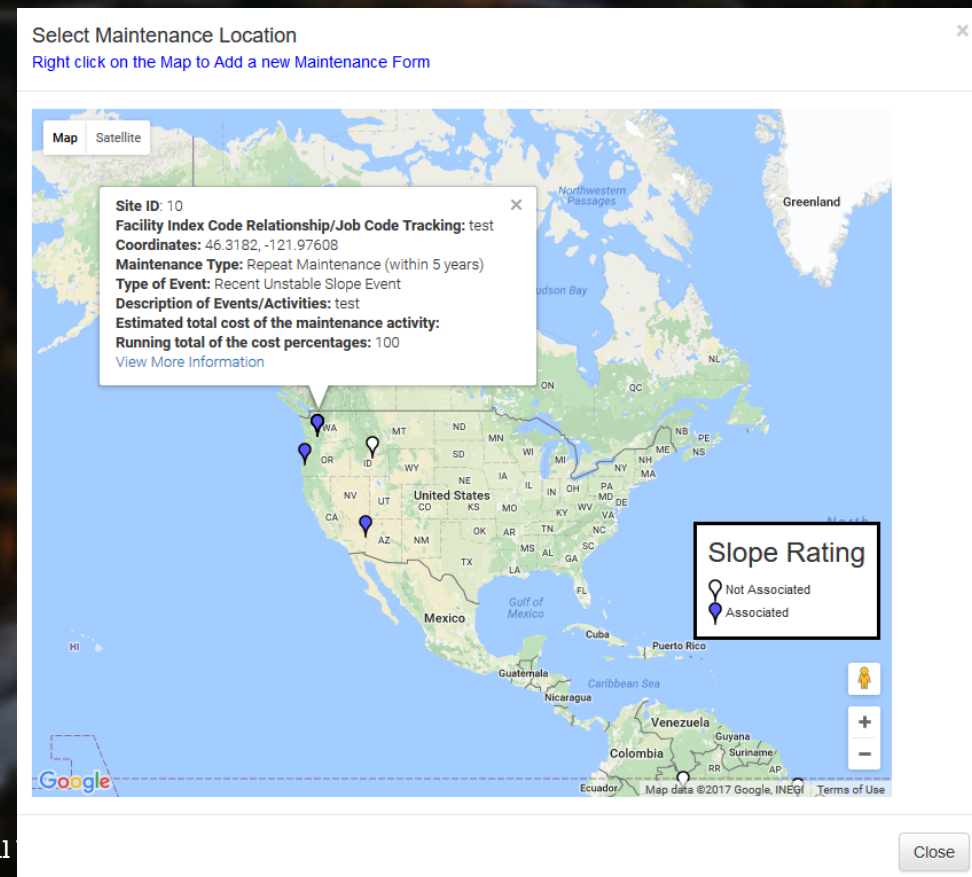
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Benefit of Tracking

- Information stored in database
- Shown on map
 - Sites associated with active rating
 - Sites unassociated
- Database queries
 - Spending
 - Location



Maintenance Call-Out Events

Members of the public routinely alert State Authorities to the presence of roadside hazards, including rockfall reaching the roadway. Reconstructing Idaho State Patrol call-out events reveals patterns and concentrations of rockfall activity posing hazards to the public.



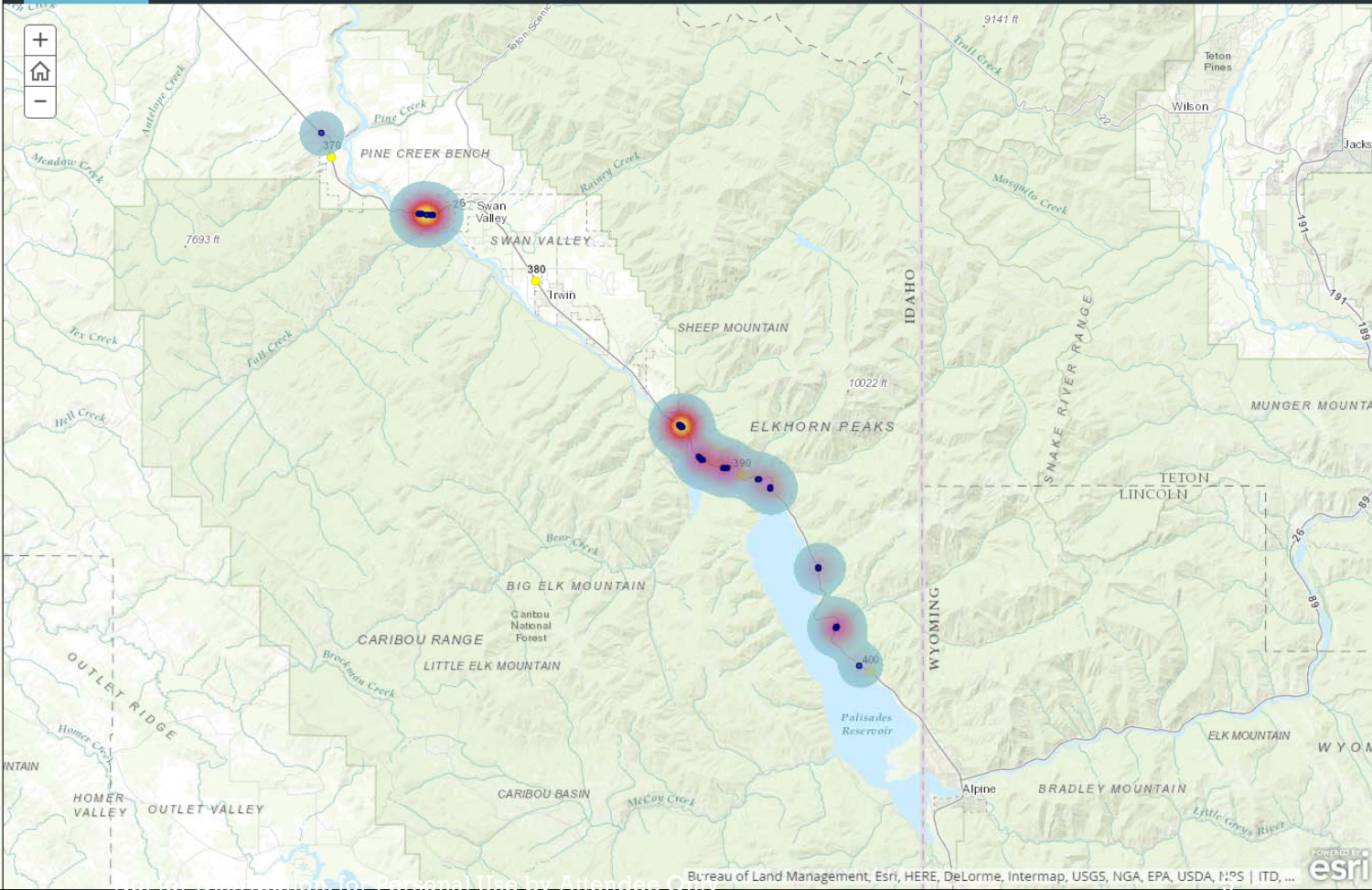
Field Assessments

The area has many rock slope, embankment, slope stability and landslide issues that affect highway conditions and performance. Geotechnical mitigations have been constructed in some of the more problematic locations. These geotechnical conditions and hazards might be aggravated during the course of roadway improvements.

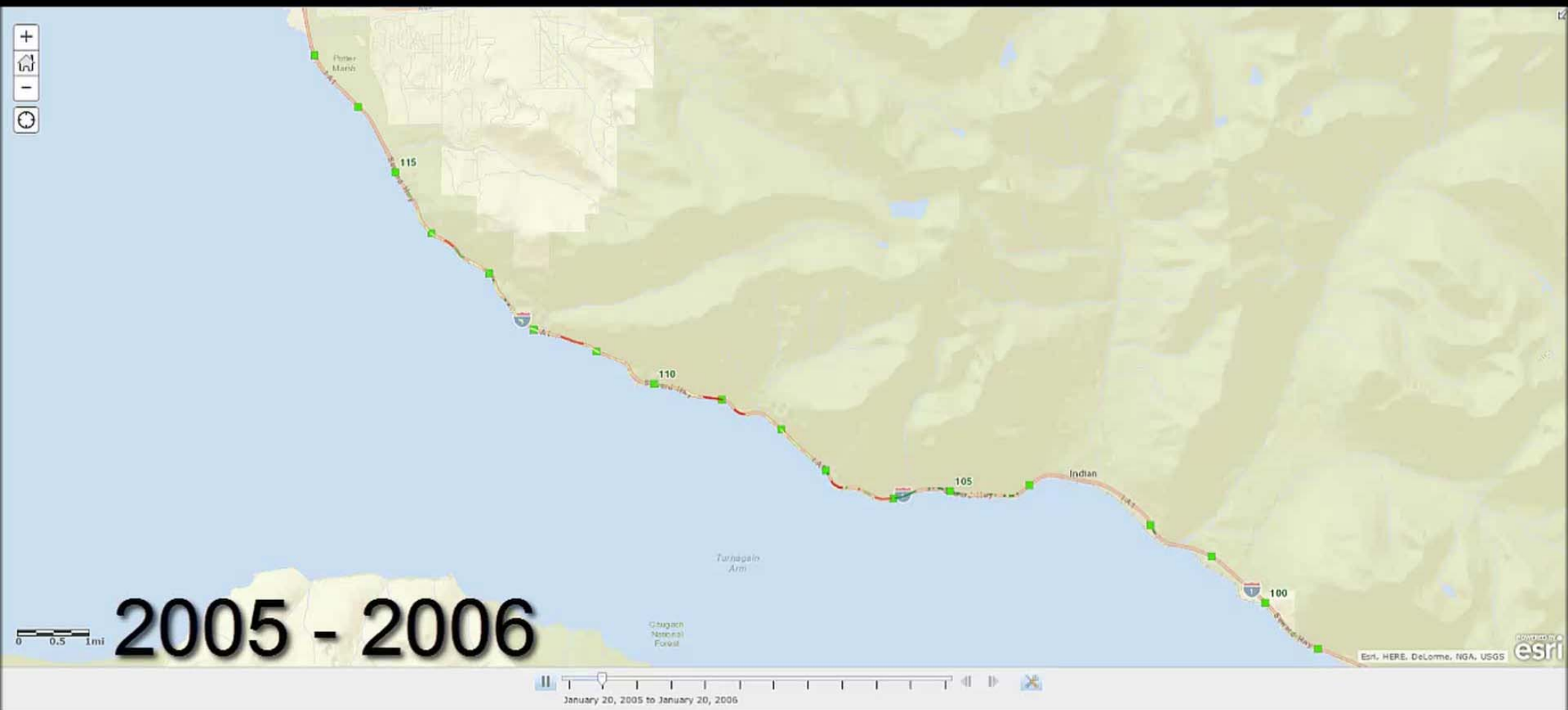
Embankments and cut slopes were constructed to realign the highway prior to construction of the Palisades Dam in the late 1950's. Embankments span valleys and cross side hills. These embankments, many over 100 feet high and of unknown composition, were constructed to fit the acceptable roadway width at that time, using relatively steep slopes for economical construction. Initially, rockfall event locations were high and dry until the

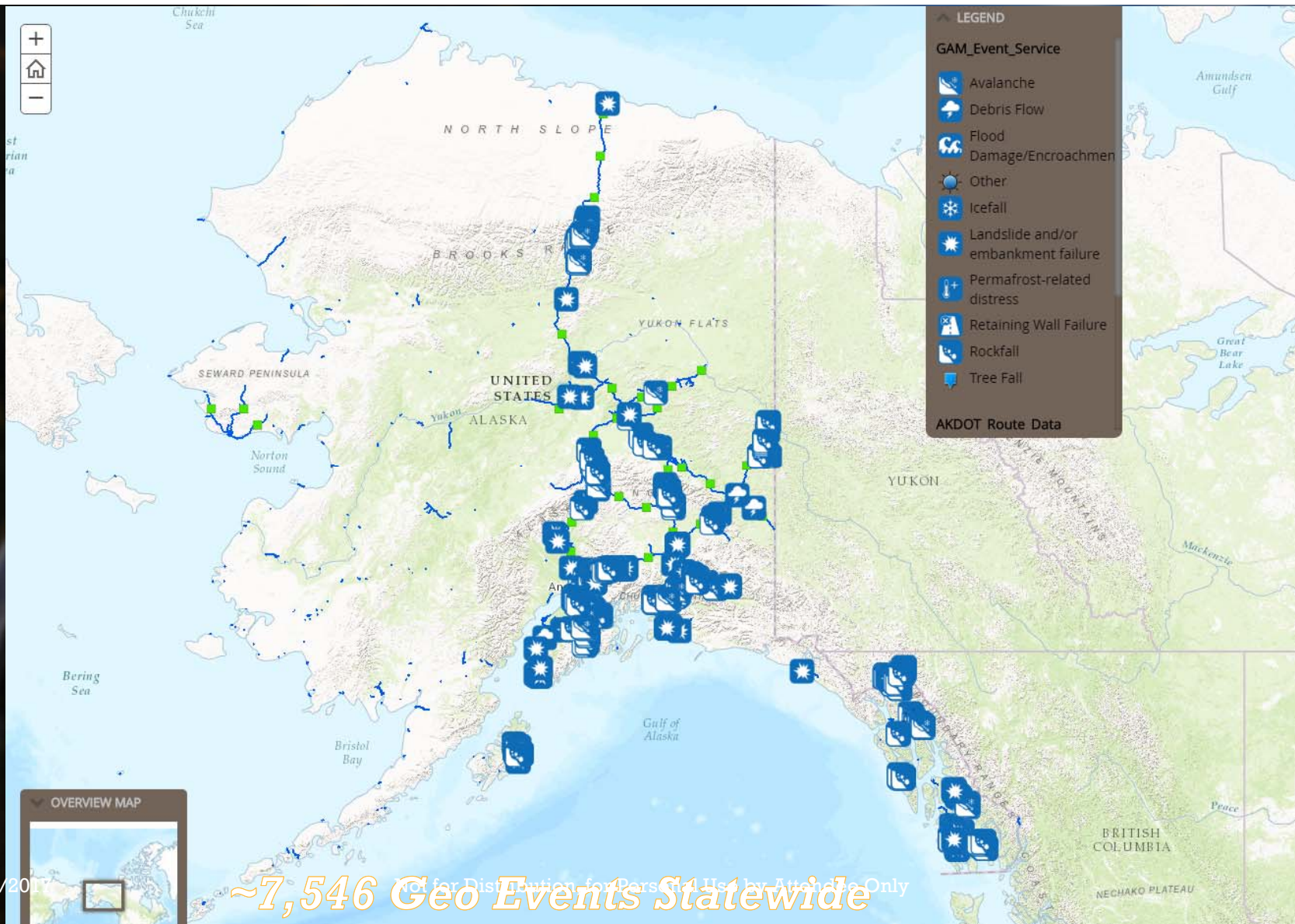
Maintenance Call-Out Events

Call Out Events



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New Event Slope Form

- Beginning of the process for new unstable slopes
 - Type of hazard
 - Location
 - Road conditions after failure
 - Extent of failure
 - Possible cause of event
- | OBSERVER | |
|--------------------------|--------|
| Observers Name: | |
| Phone No.: | Email: |
| Observer Comments/Sketch | |
| Event | |

OBSERVER INFORMATION						
Observers Name:					Today's Date:	
Phone No.:			Email:		Date of Event:	
Observer Comments/Sketch						
Event Information						
Road/Trail No.		<input type="radio"/> Trail <input type="radio"/> Road	Road/Trail Class		State	
Beginning Mile Marker			Ending Marker		Side	Weather
Hazard Type	Rockfall Planar Wedge Toppling Raveling/Undermining Rock Avalanche Indeterminate Rock Failures Diff. Erosion			Landslide Above, Below, or Across Route Translational Rotational Debris Flow Shallow slump Erosional Failure		
Event Coord.	Lat. Long.			Datum		Photo # Range
Length of Affected Road/Trail (ft): 1 m = 3 ft):						
Road/Trail Conditions after failure:						
Size of Largest Fallen Rock:				No. of Rocks:		Estimated Volume of Debris:
<input type="radio"/> Less than 3 inches (< 8cm) - baseball size or smaller <input type="radio"/> Less than 1 foot (< 30cm) - basketball size or smaller <input type="radio"/> 1 to 3 feet (30 - 100cm) - fits through standard doorway <input type="radio"/> Greater than 3 feet (> 1m) thousands of pounds				<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 - 5 <input type="radio"/> 5 - 10		<input type="radio"/> < 5 ft (< 0.15 m) – wheelbarrow or less <input type="radio"/> < 2.5 yd (< 2 m) – pickup truck or less <input type="radio"/> < 10 yd (< 8 m) – dumptruck or less <input type="radio"/> > 10 yd (> 8 m) – several dumptrucks

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