

## Slope Information System

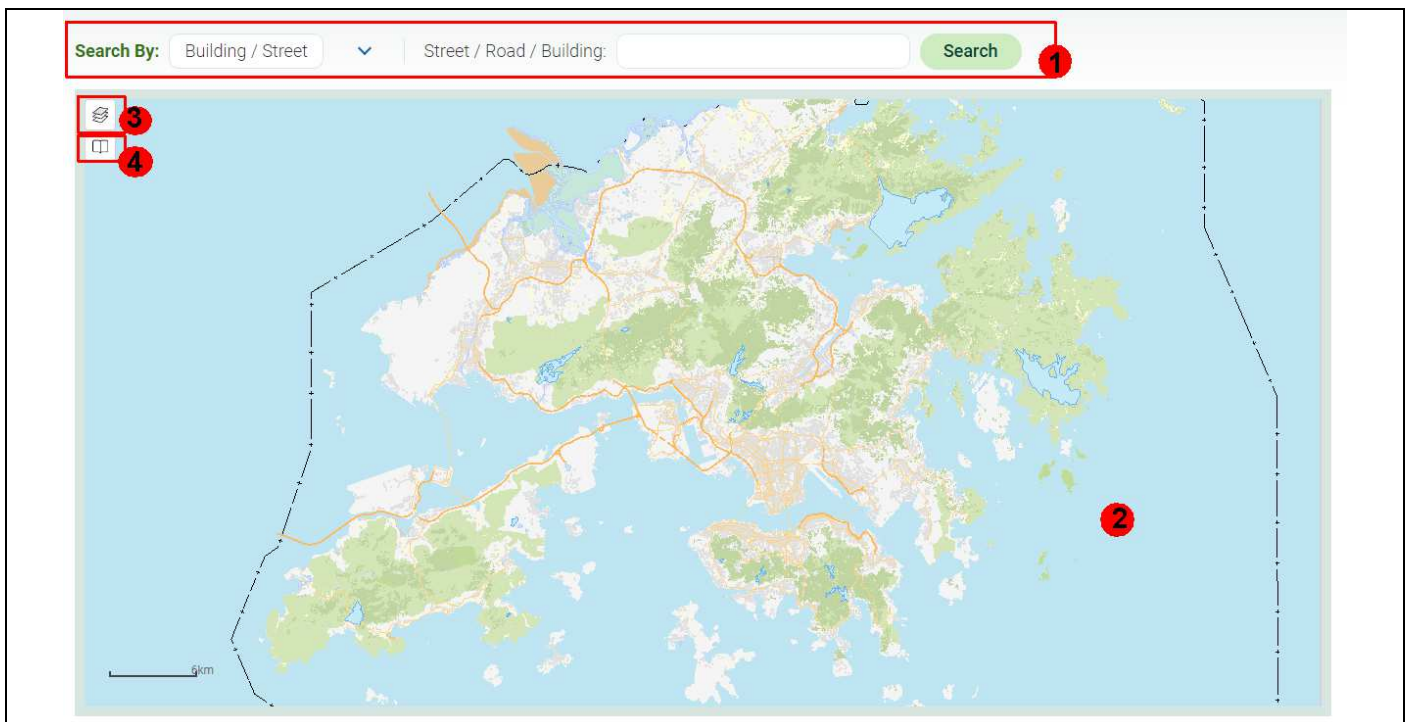
# **USER MANUAL**

Geotechnical Engineering Office  
Civil Engineering and Development Department  
Date: 20<sup>th</sup> December 2021

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# 1 Search Options and Map Control



## 1 Search Option

- 1.) Building / Street Name - Search by building or street name
- 2.) Slope Number - Search by slope number
- 3.) Coordinates - Search by coordinates
- 4.) Lamp Post - Search by lamp post number
- 5.) ENTLI - Search by Enhanced Natural Terrain Landslide Inventory (ENTLI) number
- 6.) HLCI - Search by Historical Landslide Catchment (HLC)
- 7.) HP - Search by Hillside Pocket number
- 8.) Boulder Fall Hazards - Search by Boulder Fall Hazards no.

## **2 Map Control**

### **Desktop:**

*Mouse wheel action:* Rolling wheel back and forth for zooms in and out

*Left click:* Show the registered slope information on the clicked point with the identify object details

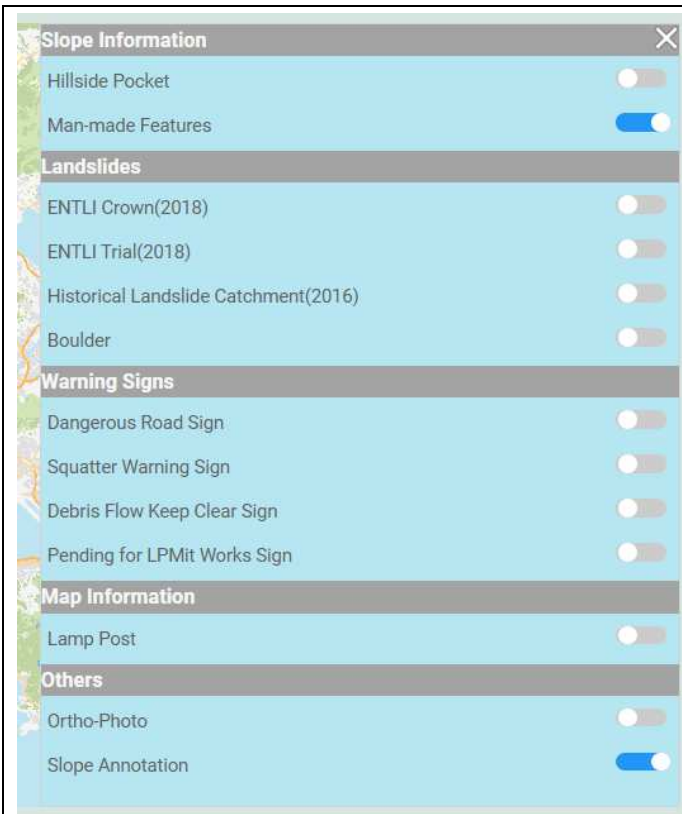
specified by  icon.

*Arrow Key:* for fine movement.

### **Touchscreen:**

*Two fingers:* for zooms in and out

*Single tap:* Show detailed information on the clicked point for the layer specified by  icon.



### 3 Toggle selected layer(s) on/off



Click on the icon and the menu appears. You can toggle the desired layer(s) on or off.

### 4 Retrieve detailed information for specific layer



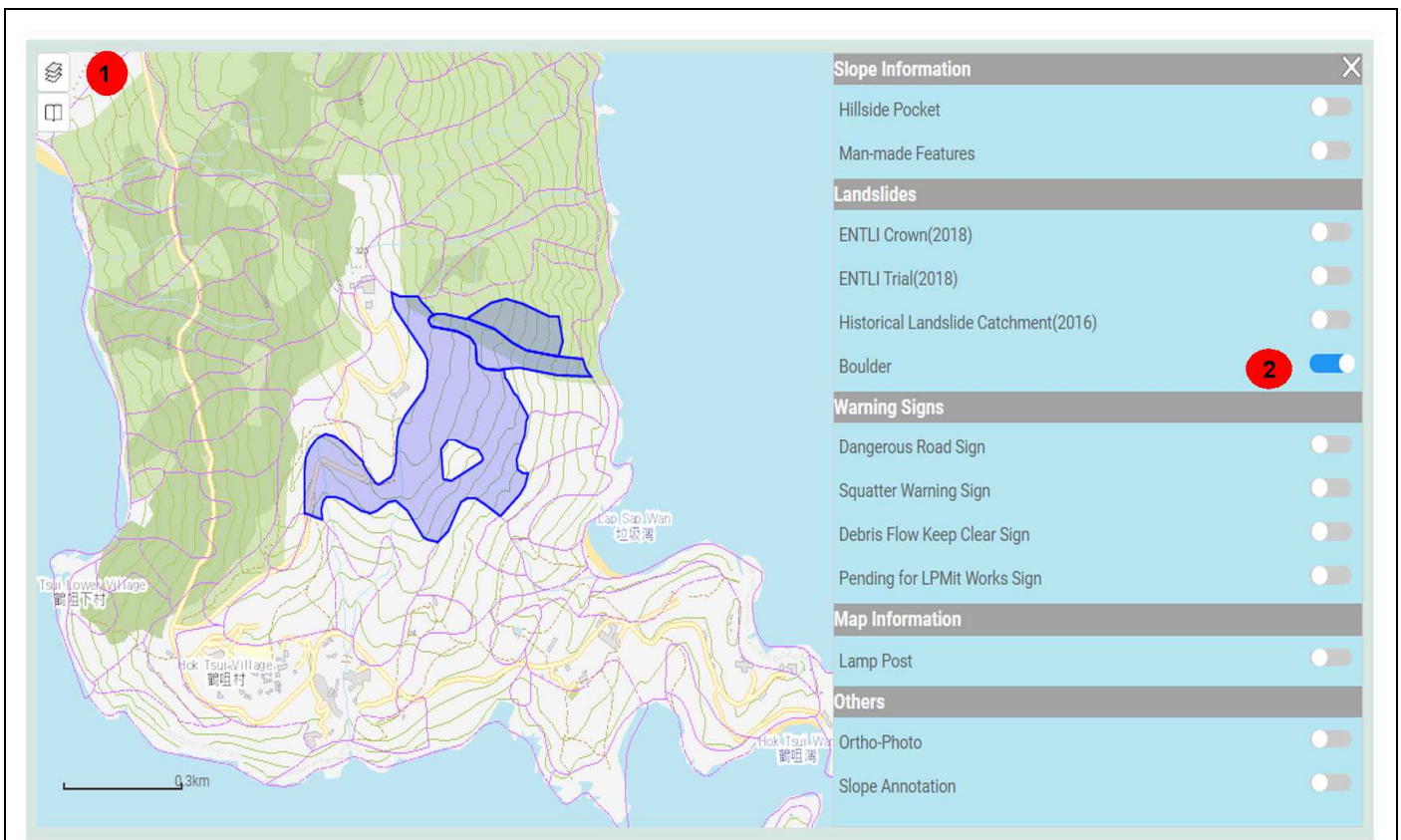
Click on the icon and the menu appears. You can select the type of information you want to retrieve.


#### Get More Information

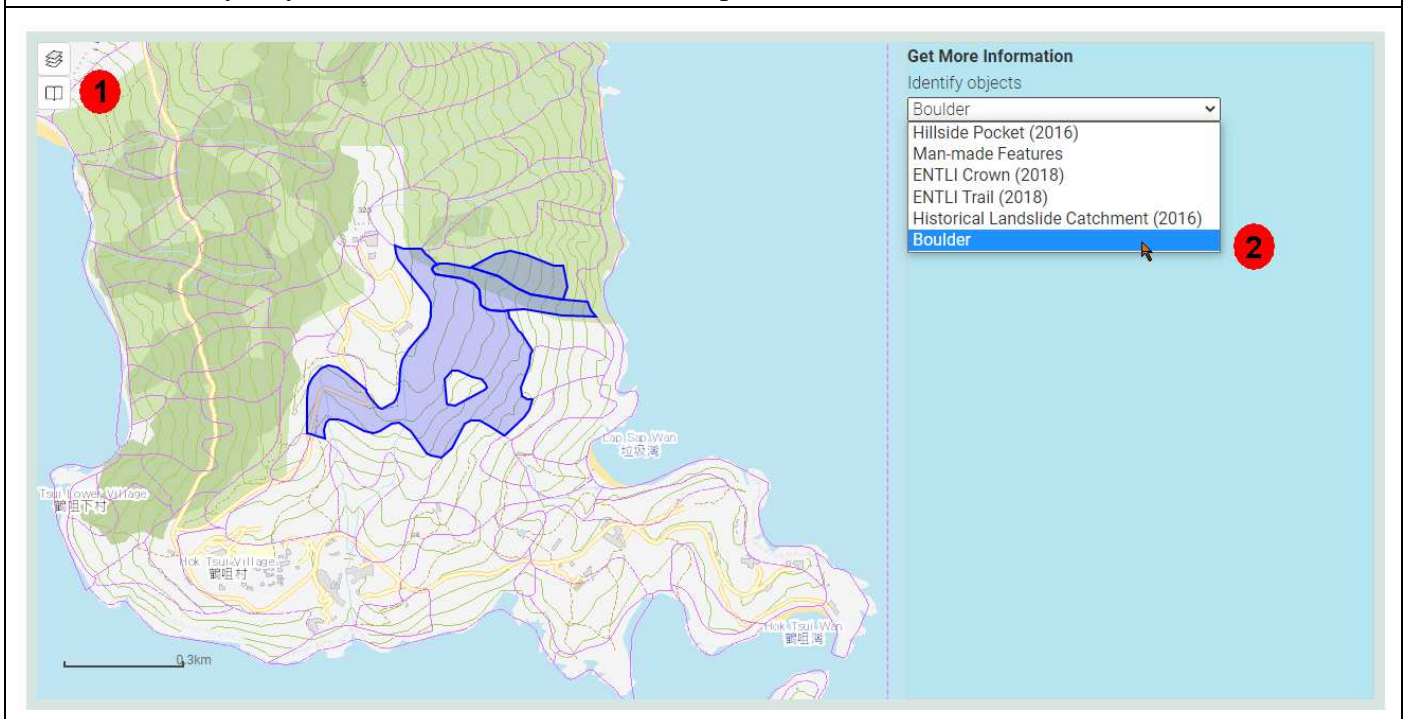
Identify objects





## 2 View Specific Layers & Identify Objects



1. Click on  to show the layer selection box.
2. Select the layers you would like to show on the map



3. Click on  to show the **Identify Object** drop down box on the right.
4. Select the detailed information for the layer you would like to retrieve
5. Click on the object on map you would like to show
  - a 、 If the spot has only one related record, the information will display

	<b>Back</b>
Boulder No.	S15_323
Map Sheet	15
Boulder Type	Corestone or Tor
% of area covered by boulders	20-50%
% of boulder < 1 m	0
% of boulder 1-2 m	10
% of boulder 2-5 m	20
% of boulder > 5 m	70

- b 、 If more than one records found for the clicked location, a list will display for you to select the specific record you want to retrieve

### 3 Search by Building / Street Name, Slope Number, Coordinates or Lamp Post Number

1. With the search drop down, specific search methods allow you to search for the specific location

a、 Use Street or Road or Building address:

Search By: Building / Street | Street / Road / Building: Chun Hau Street | Search

b、 Use Slope Annotation:

Search By: Slope Number | 10 | SW-C / C | 72 | Search

c、 Use Coordinates

Search By: Coordinates | Coordinates: 817525 (Easting) 814348 (Northing) | Search

d、 Use Lamp Post

Search By: Lamp Post | Lamp Post: FB2424 | Search


2 If the search result contains multiple results, the following screen display and you need to select the desire one:

Street / Road / Building (36)
MUI WO CHUNG HAU STREET 梅窩涌口街
CHUNG HAU STREET 忠孝街
梅窩涌口街 35A MUI WO CHUNG HAU STREET
忠孝街 55 CHUNG HAU STREET Carmel Secondary School 迦密中學
忠孝街 101 CHUNG HAU STREET Sheng Kung Hui Tsoi Kung Po Secondary School 聖公會慈功謙中學
忠孝街 83 CHUNG HAU STREET Dragon View Block 1 御龍居第一座
忠孝街 83 CHUNG HAU STREET Dragon View Block 2 御龍居第二座
梅窩涌口街 89 MUI WO CHUNG HAU STREET
梅窩涌口街 39I MUI WO CHUNG HAU STREET
梅窩涌口街 39K MUI WO CHUNG HAU STREET
梅窩涌口街 39J MUI WO CHUNG HAU STREET
梅窩涌口街 88 MUI WO CHUNG HAU STREET
梅窩涌口街 23 MUI WO CHUNG HAU STREET
梅窩涌口街 29 MUI WO CHUNG HAU STREET

3 Click on the desire record and view the result. In the result screen, you can download the record in PDF format by



clicking the icon or visit Lands Administration Office website for the Slope Maintenance Responsibility Information System (SMRIS).

**PDF**  **Visit SMRIS**

Basic Information | Detail Information | Photo

**BASIC INFORMATION**

Feature Ref. No.	11NW-D/F 426
Location	81 Chung Hau Street, Open University, HK
Date of Formation	post-1977
Date of Construction/Modification	14-04-2011
Approximate Coordinates	Easting : 836432 Northing : 819660

**CONSEQUENCE-TO-LIFE CATEGORY**

Facility at Crest	School
Distance of Facility from Crest (m)	0
Facility at Toe	School
Distance of Facility from Toe (m)	0
Consequence-to-life Category	1
Remarks	N/A

**SLOPE PART**

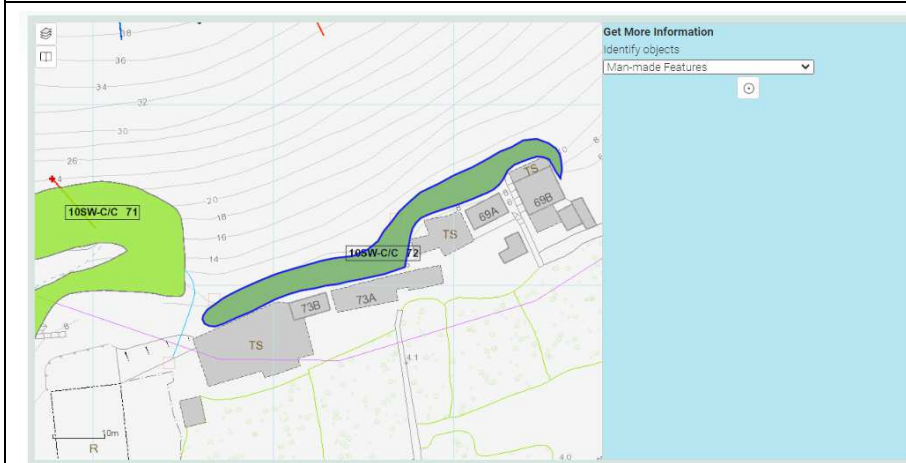
No.	Max.Height(m)	Length(m)	AverageAngle(deg)
1	5.4	17	35



# 4 Search by Slope Number

Search By: Slope Number | 10 | SW-C / C | 72 | Search

1 Enter the specific slope identifier you would like to check.



2 In the map area, click on the map for the slope you would like to check

Basic Information | Detail Information | Photo | S1 Report

**BASIC INFORMATION**

Feature Ref. No.	10SW-C/C 72
Location	73 Chung Hau, Mui Wo, Lantau
Date of Formation	pre-1977
Date of Construction/Modification	11-02-2010
Approximate Coordinates	Easting : 817525 Northing : 814348

**CONSEQUENCE-TO-LIFE CATEGORY**

Facility at Crest	Undeveloped green belt
Distance of Facility from Crest (m)	0
Facility at Toe	Cottage, licensed and squatter area
Distance of Facility from Toe (m)	0
Consequence-to-life Category	1
Remarks	N/A

3 Click on the desire record and view the result. In the result screen, you can download the record in PDF format by clicking the



icon or visit

Maintenance Responsibility Information System (SMRIS) website for the Slope.

# 5 Search by Enhanced Natural Terrain Landslide Inventory (ENTLI) Number

**Search By:** ENTLI ▼ | ENTLI: 11 ▼ | NE ▼ | A ▼ | 11 E Search

1. Enter the specific *Enhanced Natural Terrain Landslide* number you would like to check.
2. click on the record you would like to view

ENTLI Type	Value
ENTLI Crown	11NEA0011E
ENTLI Trail	11NEA0011E

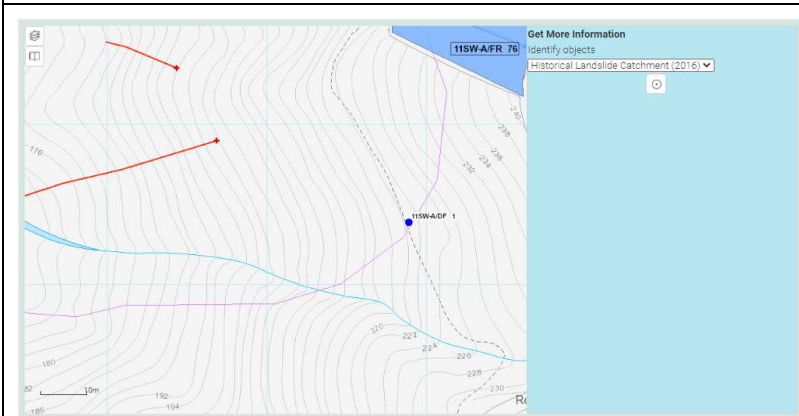
3. Records will display on the screen


	Back
Boulder No.	S15_
Map Sheet	15
Boulder Type	
% of area covered by boulders	No data
% of boulder < 1 m	
% of boulder 1-2 m	
% of boulder 2-5 m	
% of boulder > 5 m	

# 6 Search by Historical Landslide Catchment (HLC) Number

1. Enter *Historical Landslide Catchment* number to search for the information:

Search By: HLCI ▼ | HLC: 11 ▼ SW-A ▼ / DF ▼ 1 Search



1. In the map area, click the  to change the Identify Objects to *Historical Landslide Catchment* first. Then click on the spot in the map.


	Back
Catchment No.	11SW-A/DF 1
Plan area of the catchment (Sq. m)	55012.944022
Maximum elevation difference (m)	203
Total number of relict ENTLI records within the catchment	9
Total number of recent ENTLI records within the catchment	3
The length of the longest relict ENTLI record within the catchment (m)	27.651277
The length of the longest recent ENTLI record within the catchment (m)	118.326484
The length of the longest ENTLI record within the catchment (m)	118.326484
The total length of the all ENTLI record within the catchment (m)	300

2. The details of the HLC will be shown.

# 7 Search by Hillside Pocket (HP) Number

1. Enter *Hillside Pocket* number to search for the information.

Search By: HP  HP: 11  SW-A  / HP  2

2. In the map area, click the  to change the Identify Objects to *Hillside Pocket*, then click on the searched object in the map.



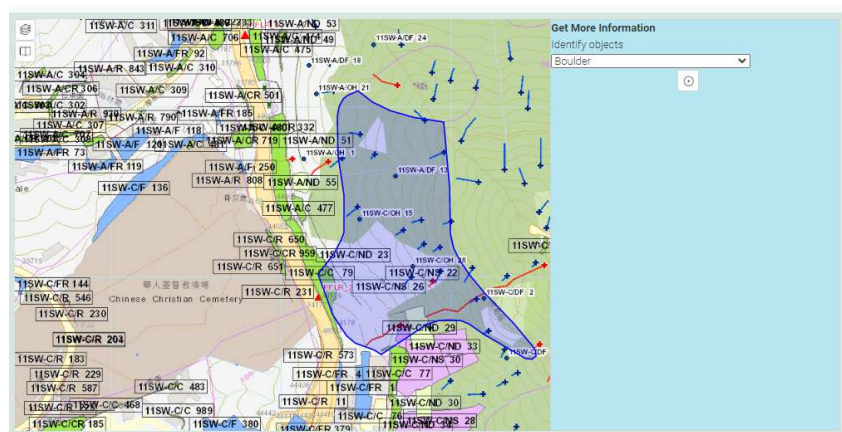
3. The details of the *Hillside Pocket* will be shown.


	Back
Hillside Pocket No.	11SW-A/HP0002
The plan area of the Hillside Pocket (m2)	3548
The maximum elevation difference of the hillside pocket (m)	42

# 8 Search by Boulder Fall Hazards Number

1. Enter *Boulder Fall Hazards* number to search for the information.

Search By: Boulder Fall Hazards  Boulder Fall Hazards:



2. In the map area, click the  to change the Identify Objects to *Boulder*. Then click on the area in the map.

	Back
Boulder No.	S11_457
Map Sheet	11
Boulder Type	Cliff or rock outcrop
% of area covered by boulders	> 75%
% of boulder < 1 m	0
% of boulder 1-2 m	0
% of boulder 2-5 m	0
% of boulder > 5 m	100

3. The boulder information will be display.