

Washington State Department of Health Geoprocessing Web Service

Version 2.00

4/25/2017

Introduction

The geoprocessing REST Web service accepts a latitude and longitude (from geocoding) and returns information about that location. The layers searched are in an ESRI ArcMap document exposed by an ArcGIS Server Map Service. Additional layers can be easily added. The response is either in HTML or JSON.

URL

https://fortress.wa.gov/doh/arcgis/arcgis/rest/services/SharedServices/Geoprocess_LL/MapServer/identify

Fill out the form with the required information and click the "Identify (GET)" button.

The screenshot shows a web browser window displaying the ArcGIS REST Services Directory. The browser's address bar shows the URL: https://fortress.wa.gov/doh/arcgis/arcgis/rest/services/SharedServices/Geoprocess_LL/MapServer/identify. The page title is "Identify (SharedServices/Geoprocess_LL)". The breadcrumb navigation is "Home > services > SharedServices > Geoprocess_LL (MapServer) > identify". The main heading is "Identify (SharedServices/Geoprocess_LL)". The form contains the following fields and options:

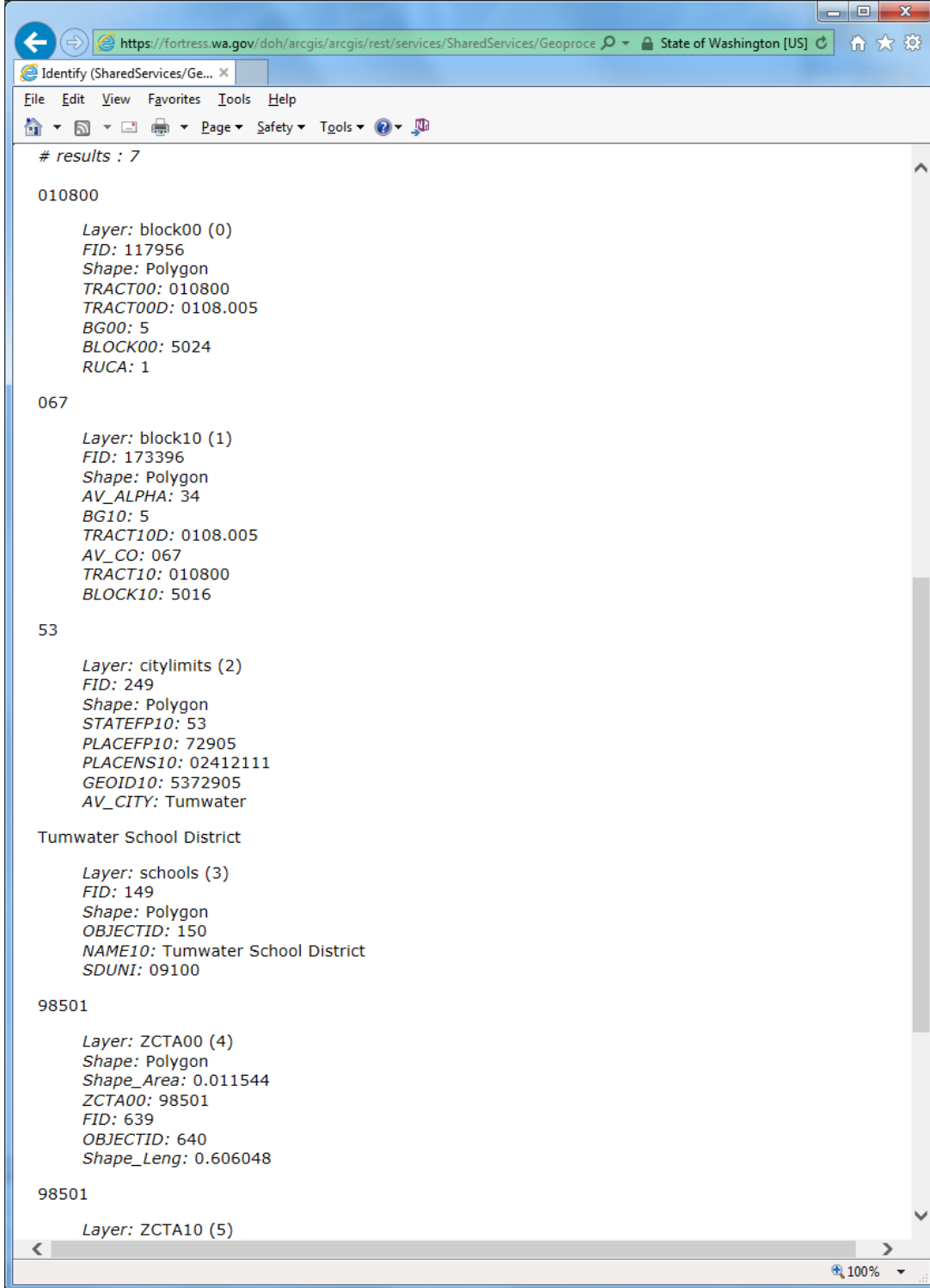
- Geometry:
- Geometry Type:
- Spatial Reference:
- Layers:
- Layer Definitions:
- Time:
- Layer Time Options:
- Tolerance:
- Map Extent:
- Image Display:
- Return Geometry: True False
- Max Allowable Offset:
- Geometry Precision:
- Dynamic Layers:
- ReturnZ: True False
- ReturnM: True False
- Geodatabase Version Name:
- Format:

At the bottom of the form are two buttons: "Identify (GET)" and "Identify (POST)". Below the form, the text "# results : 7" is displayed. The browser's status bar at the bottom shows "100%".

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Example URL with all parameters that returns JSON.

https://fortress.wa.gov/doh/arcgis/ArcGIS/rest/services/SharedServices/Geoprocess_LL/MapServer/identify?&geometry=-122.9039%2C46.9857&qelayerDefs=&time=&layerTimeOptions=&tolerance=0&mapExtent=-125.29%2C45.29%2C-116.45%2C49.46&imageDisplay=600%2C400%2C96&returnGeometry=false&maxAllowableOffset=&geometryPrecision=&dynamicLayers=&returnZ=false&returnM=false&qdbVersion=&f=JSON

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ASP.NET Test Page

Enter an address into this page and it calls five Web services and one mapping application.

<https://fortress.wa.gov/doh/eh/maps/testwebservices/default.aspx>

Getting Started

Contact gis.dirm@doh.wa.gov for more information.

(360)236-4271

Revisions

4/25/2017

Built spatial indexes and projected the Census layers to WGS84