

# PHẦN VĂN BẢN QUY PHẠM PHÁP LUẬT

## BỘ TÀI NGUYÊN VÀ MÔI TRƯỜNG

Thông tư số 21/2014/TT-BTNMT ngày 24 tháng 4 năm 2014 quy định kỹ thuật về mô hình cấu trúc, nội dung cơ sở dữ liệu nền địa lý tỷ lệ 1:10.000

### Phụ lục số 5

#### LƯỢC ĐỒ GML ÁP DỤNG TRONG PHÂN PHỐI DỮ LIỆU NỀN ĐỊA LÝ TỶ LỆ 1:10.000

(Ban hành kèm theo Thông tư số 21/2014/TT-BTNMT ngày 24 tháng 4 năm 2014 của Bộ trưởng Bộ Tài nguyên và Môi trường)

(Tiếp theo Công báo số 551 + 552)

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<element name="surface" type="gml:SurfacePropertyType" />
</sequence>
</extension>
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</complexType>
<element name="BR03" type="nd10n:BR03Type" substitutionGroup="nd10n:_NenDialy10N" />
<complexType name="BR03Type">
<complexContent>
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<extension base="nd10n:NenDialy10NType">
<sequence>
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  <element name="TEN" type="string" minOccurs="0" maxOccurs="1" />
  <element name="DIC" type="string" minOccurs="0" maxOccurs="1" />
  <element name="point" type="gml:PointPropertyType" />
  <element name="surface" type="gml:SurfacePropertyType" />
</sequence>
</extension>
</complexContent>
</complexType>

<element name="BR04" type="nd10n:BR04Type" substitutionGroup="nd10n:_NenDialy10N" />
<complexType name="BR04Type">
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<element name="MDT" type="string" minOccurs="1" maxOccurs="1" />
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<element name="DIC" type="string" minOccurs="0" maxOccurs="1" />
<element name="point" type="gml:PointPropertyType" />
<element name="surface" type="gml:SurfacePropertyType" />

</sequence>
</extension>
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</complexType>

<element name="BR05" type="nd10n:BR05Type" substitutionGroup="nd10n:_NenDialy10N" />
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<sequence>
<element name="MDT" type="string" minOccurs="1" maxOccurs="1" />
<element name="TEN" type="string" minOccurs="0" maxOccurs="1" />
<element name="DIC" type="string" minOccurs="0" maxOccurs="1" />
<element name="point" type="gml:PointPropertyType" />
<element name="surface" type="gml:SurfacePropertyType" />
</sequence>
</extension>
</complexContent>
</complexType>

<element name="BM02" type="nd10n:BM02Type" substitutionGroup="nd10n:_NenDialy10N" />

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<complexType name="BM02Type">
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<element name="DIC" type="string" minOccurs="0" maxOccurs="1" />
<element name="point" type="gml:PointPropertyType" />
<element name="surface" type="gml:SurfacePropertyType" />
</sequence>
</extension>
</complexContent>
</complexType>

<element name="BM03" type="ndll10n:BM03Type" substitutionGroup="ndll10n:_NenDialy10N" />
<complexType name="BM03Type">
<complexContent>
<extension base="ndll10n:NenDialy10NType">
<sequence>
<element name="MDT" type="string" minOccurs="1" maxOccurs="1" />
<element name="TEN" type="string" minOccurs="0" maxOccurs="1" />
<element name="DIC" type="string" minOccurs="0" maxOccurs="1" />
<element name="point" type="gml:PointPropertyType" />
<element name="surface" type="gml:SurfacePropertyType" />
</sequence>
</extension>

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</complexContent>
</complexType>

<element name="BM04" type="nd110n:BM04Type" substitutionGroup="nd110n:_NenDiaty10N" />
<complexType name="BM04Type">
<complexContent>
<extension base="nd110n:_NenDiaty10NType">
<sequence>
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<element name="DIC" type="string" minOccurs="0" maxOccurs="1" />
<element name="point" type="gml:PointPropertyType" />
<element name="surface" type="gml:SurfacePropertyType" />
</sequence>
</extension>
</complexContent>
</complexType>

<element name="BM05" type="nd110n:BM05Type" substitutionGroup="nd110n:_NenDiaty10N" />
<complexType name="BM05Type">
<complexContent>
<extension base="nd110n:_NenDiaty10NType">
<sequence>
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<element name="TEN" type="string" minOccurs="0" maxOccurs="1" />
<element name="DIC" type="string" minOccurs="0" maxOccurs="1" />
<element name="point" type="gml:PointPropertyType" />

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<element name="surface" type="gml:SurfacePropertyType" />
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</extension>
</complexContent>
</complexType>

<element name="BS01" type="ndll10n:BS01Type" substitutionGroup="ndll10n:_NenDialy10N" />
<complexType name="BS01Type">
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<extension base="ndll10n:NenDialy10NType">
<sequence>
<element name="MDT" type="string" minOccurs="1" maxOccurs="1" />
<element name="TEN" type="string" minOccurs="0" maxOccurs="1" />
<element name="DIC" type="string" minOccurs="0" maxOccurs="1" />
<element name="point" type="gml:PointPropertyType" />
<element name="surface" type="gml:SurfacePropertyType" />
</sequence>
</extension>
</complexContent>
</complexType>

<element name="BS02" type="ndll10n:BS02Type" substitutionGroup="ndll10n:_NenDialy10N" />
<complexType name="BS02Type">
<complexContent>
<extension base="ndll10n:NenDialy10NType">
<sequence>

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<element name="MDT" type="string" minOccurs="1" maxOccurs="1" />
<element name="TEN" type="string" minOccurs="0" maxOccurs="1" />
<element name="DIC" type="string" minOccurs="0" maxOccurs="1" />
<element name="point" type="gml:PointPropertyType" />
<element name="surface" type="gml:SurfacePropertyType" />
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</extension>
</complexContent>
</complexType>

<element name="BV02" type="nd10n:BV02Type" substitutionGroup="nd10n:_NenDially10N" />
<complexType name="BV02Type">
<complexContent>
<extension base="nd10n:NenDially10NType">
<sequence>
<element name="MDT" type="string" minOccurs="1" maxOccurs="1" />
<element name="TEN" type="string" minOccurs="0" maxOccurs="1" />
<element name="DIC" type="string" minOccurs="0" maxOccurs="1" />
<element name="point" type="gml:PointPropertyType" />
<element name="surface" type="gml:SurfacePropertyType" />
</sequence>
</extension>
</complexContent>
</complexType>

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<element name="BV03" type="ndll10n:BV03Type" substitutionGroup="ndll10n:_NenDially10N" />
<complexType name="BV03Type">
  <complexContent>
    <extension base="ndll10n:NenDially10NType">
      <sequence>
        <element name="MDT" type="string" minOccurs="1" maxOccurs="1" />
        <element name="TEN" type="string" minOccurs="0" maxOccurs="1" />
        <element name="DIC" type="string" minOccurs="0" maxOccurs="1" />
        <element name="point" type="gml:PointPropertyType" />
        <element name="surface" type="gml:SurfacePropertyType" />
      </sequence>
    </extension>
  </complexContent>
</complexType>

<element name="BV04" type="ndll10n:BV04Type" substitutionGroup="ndll10n:_NenDially10N" />
<complexType name="BV04Type">
  <complexContent>
    <extension base="ndll10n:NenDially10NType">
      <sequence>
        <element name="MDT" type="string" minOccurs="1" maxOccurs="1" />
        <element name="TEN" type="string" minOccurs="0" maxOccurs="1" />
        <element name="DIC" type="string" minOccurs="0" maxOccurs="1" />
        <element name="point" type="gml:PointPropertyType" />
        <element name="surface" type="gml:SurfacePropertyType" />
      </sequence>
    </extension>
  </complexContent>
</complexType>

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</extension>
</complexContent>
</complexType>

<element name="BV05" type="ndll10n:BV05Type" substitutionGroup="ndll10n:_NenDialy10N" />
<complexType name="BV05Type">
<complexContent>
<extension base="ndll10n:_NenDialy10NType">
<sequence>
<element name="MDT" type="string" minOccurs="1" maxOccurs="1" />
<element name="TEN" type="string" minOccurs="0" maxOccurs="1" />
<element name="DIC" type="string" minOccurs="0" maxOccurs="1" />
<element name="point" type="gml:PointPropertyType" />
<element name="surface" type="gml:SurfacePropertyType" />
</sequence>
</extension>
</complexContent>
</complexType>

<element name="HI01" type="ndll10n:HI01Type" substitutionGroup="ndll10n:_NenDialy10N" />
<complexType name="HI01Type">
<complexContent>
<extension base="ndll10n:_NenDialy10NType">
<sequence>
<element name="MDT" type="string" minOccurs="1" maxOccurs="1" />
<element name="TEN" type="string" minOccurs="0" maxOccurs="1" />
<element name="DIC" type="string" minOccurs="0" maxOccurs="1" />

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<element name="point" type="gml:PointPropertyType" />
<element name="surface" type="gml:SurfacePropertyType" />

</sequence>
</extension>
</complexContent>
</complexType>

<element name="CB01" type="nd10n:CB01Type" substitutionGroup="nd10n:_NenDialy10N" />
<complexType name="CB01Type">
<complexContent>
<extension base="nd10n:NenDialy10NType">
<sequence>
<element name="MDT" type="string" minOccurs="1" maxOccurs="1" />
<element name="TEN" type="string" minOccurs="0" maxOccurs="1" />
<element name="CAO" type="double" minOccurs="1" maxOccurs="1" />
<element name="GEO" type="gml:SurfacePropertyType" minOccurs="1" maxOccurs="1" />
</sequence>
</extension>
</complexContent>
</complexType>

<element name="CB02" type="nd10n:CB02Type" substitutionGroup="nd10n:_NenDialy10N" />
<complexType name="CB02Type">
<complexContent>
<extension base="nd10n:NenDialy10NType">
<sequence>
<element name="MDT" type="string" minOccurs="1" maxOccurs="1" />

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<element name="TEN" type="string" minOccurs="0" maxOccurs="1" />
<element name="CAO" type="double" minOccurs="1" maxOccurs="1"/>
<element name="GEO" type="gml:SurfacePropertyType" minOccurs="1" maxOccurs="1"/>
</sequence>
</extension>
</complexContent>
</complexType>

<element name="KB03" type="nd110n:KB03Type" substitutionGroup="nd110n:_NenDially10N" />
<complexType name="KB03Type">
<complexContent>
<extension base="nd110n:NenDially10NType">
</sequence>
</extension>
</complexContent>
</complexType>

<element name="MDT" type="string" minOccurs="1" maxOccurs="1" />
<element name="LDN" type="string" minOccurs="0" maxOccurs="1" />
<element name="GEO" type="gml:CurvePropertyType" minOccurs="1" maxOccurs="1"/>
</sequence>
</extension>
</complexContent>
</complexType>

<element name="IA02" type="nd110n:IA02Type" substitutionGroup="nd110n:_NenDially10N" />
<complexType name="IA02Type">
<complexContent>
<extension base="nd110n:NenDially10NType">
</sequence>
</extension>
</complexContent>
</complexType>

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<element name="LPM" type="integer" minOccurs="1" maxOccurs="1" />
<element name="GEO" type="gml:SurfacePropertyType" minOccurs="1" maxOccurs="1" />
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</complexContent>
</complexType>

<element name="IA04" type="nd110n:IA04Type" substitutionGroup="nd110n:_NenDialy10N" />
<complexType name="IA04Type">
<complexContent>
<extension base="nd110n:_NenDialy10NType">
<sequence>
<element name="MDT" type="string" minOccurs="1" maxOccurs="1" />
<element name="TEN" type="string" minOccurs="0" maxOccurs="1" />
<element name="LPM" type="integer" minOccurs="1" maxOccurs="1" />
<element name="GEO" type="gml:SurfacePropertyType" minOccurs="1" maxOccurs="1" />
</sequence>
</extension>
</complexContent>
</complexType>

<element name="IA03" type="nd110n:IA03Type" substitutionGroup="nd110n:_NenDialy10N" />
<complexType name="IA03Type">
<complexContent>
<extension base="nd110n:_NenDialy10NType">
<sequence>
<element name="MDT" type="string" minOccurs="1" maxOccurs="1" />
<element name="TEN" type="string" minOccurs="0" maxOccurs="1" />
</sequence>
</extension>
</complexContent>
</complexType>

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<element name="LPM" type="integer" minOccurs="1" maxOccurs="1" />
<element name="GEO" type="gml:SurfacePropertyType" minOccurs="1" maxOccurs="1" />
</sequence>
</extension>
</complexContent>
</complexType>
<element name="IA05" type="nd110n:IA05Type" substitutionGroup="nd110n:_NenDialy10N" />
<complexType name="IA05Type">
<complexContent>
<extension base="nd110n:NenDialy10NType">
<sequence>
<element name="MDT" type="string" minOccurs="1" maxOccurs="1" />
<element name="TEN" type="string" minOccurs="0" maxOccurs="1" />
<element name="LPM" type="integer" minOccurs="1" maxOccurs="1" />
<element name="GEO" type="gml:SurfacePropertyType" minOccurs="1" maxOccurs="1" />
</sequence>
</extension>
</complexContent>
</complexType>
</extension base="nd110n:_NenDialy10N" />
</sequence>
</extension>
</complexContent>
</complexType>
</extension base="nd110n:IB05Type" substitutionGroup="nd110n:_NenDialy10N" />
<complexType name="IB05Type">
<complexContent>
<extension base="nd110n:NenDialy10NType">
<sequence>
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<element name="TEN" type="string" minOccurs="0" maxOccurs="1" />
<element name="LPM" type="integer" minOccurs="1" maxOccurs="1" />
<element name="GEO" type="gml:SurfacePropertyType" minOccurs="1" maxOccurs="1" />
</sequence>
</extension>
</complexContent>
</complexType>

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</extension>
</complexContent>
</complexType>

<element name="IB02" type="hdl10n:IB02Type" substitutionGroup="hdl10n:_NenDialy10N"/>
<complexType name="IB02Type">
<complexContent>
<extension base="hdl10n:_NenDialy10NType">
<sequence>
<element name="MDT" type="string" minOccurs="1" maxOccurs="1"/>
<element name="TEN" type="string" minOccurs="0" maxOccurs="1"/>
<element name="LPM" type="integer" minOccurs="1" maxOccurs="1"/>
<element name="GEO" type="gml:SurfacePropertyType" minOccurs="1" maxOccurs="1"/>
</sequence>
</extension>
</complexContent>
</complexType>

<element name="IB03" type="hdl10n:IB03Type" substitutionGroup="hdl10n:_NenDialy10N"/>
<complexType name="IB03Type">
<complexContent>
<extension base="hdl10n:_NenDialy10NType">
<sequence>
<element name="MDT" type="string" minOccurs="1" maxOccurs="1"/>
<element name="TEN" type="string" minOccurs="0" maxOccurs="1"/>
<element name="LPM" type="integer" minOccurs="1" maxOccurs="1"/>
<element name="GEO" type="gml:SurfacePropertyType" minOccurs="1" maxOccurs="1"/>
</sequence>
</extension>
</complexContent>
</complexType>

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</sequence>
</extension>
</complexContent>
</complexType>

<element name="IB04" type="ndll10n:IB04Type" substitutionGroup="ndll10n:_NenDialy10N" />
<complexType name="IB04Type">
<complexContent>
<extension base="ndll10n:NenDialy10NType">
<sequence>
<element name="MDT" type="string" minOccurs="1" maxOccurs="1" />
<element name="TEN" type="string" minOccurs="0" maxOccurs="1" />
<element name="LPM" type="integer" minOccurs="1" maxOccurs="1" />
<element name="GEO" type="gml:SurfacePropertyType" minOccurs="1" maxOccurs="1" />
</sequence>
</extension>
</complexContent>
</complexType>

<element name="IB06" type="ndll10n:IB06Type" substitutionGroup="ndll10n:_NenDialy10N" />
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<extension base="ndll10n:NenDialy10NType">
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<element name="TEN" type="string" minOccurs="0" maxOccurs="1" />
<element name="LPM" type="integer" minOccurs="1" maxOccurs="1" />
<element name="GEO" type="gml:SurfacePropertyType" minOccurs="1" maxOccurs="1" />
</sequence>
</extension>
</complexContent>
</complexType>

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```

</sequence>
  </extension>
</complexContent>
</complexType>
<element name="IG01" type="ndl10n:IG01Type" substitutionGroup="ndl10n:_NenDialy10N" />
<complexType name="IG01Type">
  <complexContent>
    <extension base="ndl10n:NenDialy10NType">
      <sequence>
        <element name="MDI" type="string" minOccurs="1" maxOccurs="1" />
        <element name="TEN" type="string" minOccurs="0" maxOccurs="1" />
        <element name="LPM" type="integer" minOccurs="1" maxOccurs="1" />
        <element name="GEO" type="gml:SurfacePropertyType" minOccurs="1" maxOccurs="1" />
      </sequence>
    </extension>
  </complexContent>
</complexType>
</extension>
</complexContent>
</complexType>
<element name="KB02" type="ndl10n:KB02Type" substitutionGroup="ndl10n:_NenDialy10N" />
<complexType name="KB02Type">
  <complexContent>
    <extension base="ndl10n:NenDialy10NType">
      <sequence>
        <element name="MDI" type="string" minOccurs="1" maxOccurs="1" />
        <element name="LRG" type="integer" minOccurs="1" maxOccurs="1" />
        <element name="GEO" type="gml:CurvePropertyType" minOccurs="1" maxOccurs="1" />
      </sequence>
    </extension>
  </complexContent>
</complexType>

```



## 2. Lược đồ GML đầy đủ

```

<?xml version="1.0" encoding="utf-8"?>
<schema xmlns:ndl10n="http://www.dosm.gov.vn/schemas/ndl10n"
  xmlns:gml="http://www.opengis.net/gml"
  xmlns:xlink="http://www.w3.org/1999/xlink"
  xmlns="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="ndl10n http://www.dosm.gov.vn/schemas/ndl10n.xsd"
  targetNamespace="http://www.dosm.gov.vn/ndl10n"
  elementFormDefault="qualified" version="1.0">
  <import schemaLocation="vngmlbase.xsd" namespace="http://www.opengis.net/gml" />
  <annotation>
  <documentation xml:lang="vi">
    Dữ liệu nền địa lý tỷ lệ 1:10.000
  </documentation>
  </annotation>
  <element name="NenDiaLy10NCollection" type="ndl10n:NenDiaLy10NCollectionType"
    substitutionGroup="gml:_FeatureCollection"/>
  <complexType name="NenDiaLy10NCollectionType">
  <complexContent>
  <extension base="gml:AbstractFeatureCollectionType" />
  </complexContent>
  </complexType>
  <!-- Đối tượng nền địa lý cơ sở 1:10.000-->
  <element name="_NenDiaLy10N" type="ndl10n:NenDiaLy10NType" abstract="true" substitutionGroup="gml:_Feature" />

```

```

<complexType name="NenDiaLy10NType" abstract="true">
  <complexContent>
    <extension base="gml:AbstractFeatureType">
      <sequence>
        <element name="maNhanDang" type="string" minOccurs="1" maxOccurs="1" />
        <element name="ngayThuNhan" type="date" minOccurs="1" maxOccurs="1"/>
        <element name="ngayCapNhat" type="date" minOccurs="0" maxOccurs="unbounded"/>
      </sequence>
    </extension>
  </complexContent>
</complexType>

<element name="_CoSoDoDac" type="nd10n:CoSoDoDacType" abstract="true" substitutionGroup="nd10n:_NenDiaLy10N" />
<complexType name="CoSoDoDacType" abstract="true">
  <complexContent>
    <extension base="nd10n:NenDiaLy10NType">
      <sequence>
        <element name="soHieuDiem" type="string" minOccurs="1" maxOccurs="1" />
        <element name="geo" type="gml:PointPropertyType" minOccurs="1" maxOccurs="1" />
      </sequence>
    </extension>
  </complexContent>
</complexType>

<element name="DiemGocQuocGia" type="nd10n:DiemGocQuocGiaType" substitutionGroup="nd10n:_CoSoDoDac" />
<complexType name="DiemGocQuocGiaType">

```

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<complexContent>
  <extension base="ndl10n:CoSoDoDacType">
    <sequence>
      <element name="maDoiTuong" type="ndl10n:DoiTuongDiemGocQuocGiaType" minOccurs="1" maxOccurs="1" />
    </sequence>
  </extension>
</complexContent>
</complexType>

<complexType name="DoiTuongDiemGocQuocGiaType">
  <simpleContent>
    <restriction base="gml:CodeType">
      <enumeration value="GA01"/>
      <enumeration value="GA02"/>
      <enumeration value="GA03"/>
      <enumeration value="GA04"/>
      <enumeration value="GA05"/>
    </restriction>
  </simpleContent>
</complexType>

<element name="DiemCoSoQuocGia" type="ndl10n:DiemCoSoQuocGiaType" substitutionGroup="ndl10n:_CoSoDoDac" />
<complexType name="DiemCoSoQuocGiaType">
  <complexContent>
    <extension base="ndl10n:CoSoDoDacType">
      <sequence>
        <element name="maDoiTuong" type="ndl10n:DoiTuongDiemCoSoQuocGiaType" minOccurs="1" maxOccurs="1" />
      </sequence>
    </extension>
  </complexContent>
</complexType>

```

```
<element name="loaiCapHang" type="nd110n:LoaiCapHangType" minOccurs="1" maxOccurs="1"/>
<element name="loaiMoc" type="nd110n:LoaiMocType" minOccurs="1" maxOccurs="1"/>
</sequence>
</extension>
</complexContent>
</complexType>

<complexType name="DoiTuongDiemCoSoQuocGiaType">
<simpleContent>
<restriction base="gml:CodeType">
<enumeration value="GB01"/>
<enumeration value="GB02"/>
<enumeration value="GB03"/>
<enumeration value="GB04"/>
</restriction>
</simpleContent>
</complexType>

<complexType name="LoaiCapHangType">
<simpleContent>
<restriction base="gml:CodeType">
<enumeration value="1"/>
<enumeration value="2"/>
<enumeration value="3"/>
<enumeration value="4"/>
<enumeration value="5"/>
</restriction>
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</simpleContent>
</complexType>

<complexType name="LoaiMocType">
<simpleContent>
<restriction base="gml:CodeType">
<enumeration value="1"/>
<enumeration value="2"/>
<enumeration value="3"/>
</restriction>
</simpleContent>
</complexType>

<element name="DiemCoSoChuyenDung" type="nd110n:DiemCoSoChuyenDungType"
substitutionGroup="nd110n:_CoSoDoDac" />
<complexType name="DiemCoSoChuyenDungType">
<complexContent>
<extension base="nd110n:CoSoDoDacType">
<sequence>
<element name="maDoiTuong" type="nd110n:DoiTuongDiemCoSoChuyenDungType" minOccurs="1" maxOccurs="1" />
<element name="loaiMoc" type="nd110n:LoaiMocType" minOccurs="1" maxOccurs="1" />
</sequence>
</extension>
</complexContent>
</complexType>

<complexType name="DoiTuongDiemCoSoChuyenDungType">

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<simpleContent>
<restriction base="gml:CodeType">
  <enumeration value="GC01"/>
  <enumeration value="GC02"/>
</restriction>
</simpleContent>
</complexType>

<element name="MocQuocGioi" type="nd110n:MocQuocGioiType" substitutionGroup="nd110n:_NenDiaLy10N" />
<complexType name="MocQuocGioiType">
<complexContent>
<extension base="nd110n:NenDiaLy10NType">
<sequence>
  <element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
  <element name="soHieuMoc" type="string" minOccurs="1" maxOccurs="1" />
  <element name="toaDoX" type="double" minOccurs="1" maxOccurs="1" />
  <element name="toaDoY" type="double" minOccurs="1" maxOccurs="1" />
  <element name="geo" type="gml:PointPropertyType" minOccurs="1" maxOccurs="1" />
</sequence>
</extension>
</complexContent>
</complexType>
</restriction>
</simpleContent>
</complexType>

```

```

<element name="DuongBienGioi" type="nd110n:DuongBienGioiType" substitutionGroup="nd110n:_NenDialLy10N" />
<complexType name="DuongBienGioiType">
  <complexContent>
    <extension base="nd110n:NenDialLy10NType">
      <sequence>
        <element name="maDoiTuong" "nd110n:DoiTuongDuongBienGioiType" minOccurs="1" maxOccurs="1" />
        <element name="loaiHienTrangPhapLy" type="nd110n:LoaiHienTrangPhapLyType" minOccurs="1" maxOccurs="1" />
        <element name="quocGiaLienKe" type="string" minOccurs="1" maxOccurs="1" />
        <element name="chieuDai" type="double" minOccurs="1" maxOccurs="1" />
        <element name="geo" type="gml:CurvePropertyType" minOccurs="1" maxOccurs="1" />
      </sequence>
    </extension>
  </complexContent>
</complexType>
<complexType name="DoiTuongDuongBienGioiType">
  <simpleContent>
    <restriction base="gml:CodeType">
      <enumeration value="AA01" />
      <enumeration value="AA02" />
    </restriction>
  </simpleContent>
</complexType>
<complexType name="LoaiHienTrangPhapLyType">
  <simpleContent>
    <restriction base="gml:CodeType">

```

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<enumeration value="1"/>
<enumeration value="2"/>
</restriction>
</simpleContent>
</complexType>

<element name="DiaPhan" type="nd110n:DiaPhanType" substitutionGroup="nd110n:_NenDiaLy10N" />
<complexType name="DiaPhanType">
<complexContent>
<extension base="nd110n:NenDiaLy10NType">
<sequence>
<element name="maDoiTuong" type="nd110n:DoiTuongDiaPhanType" minOccurs="1" maxOccurs="1" />
<element name="maDon ViHanhChinh" type="string" minOccurs="1" maxOccurs="1"/>
<element name="ten" type="string" minOccurs="1" maxOccurs="1"/>
<element name="dienTich" type="double" minOccurs="1" maxOccurs="1"/>
<element name="geo" type="gml:SurfacePropertyType" minOccurs="1" maxOccurs="1"/>
</sequence>
</extension>
</complexContent>
</complexType>
<complexType name="DoiTuongDiaPhanType">
<simpleContent>
<restriction base="gml:CodeType">
<enumeration value="AD01"/>
<enumeration value="AD02"/>
<enumeration value="AD03"/>
</restriction>

```



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</simpleContent>
</complexType>

<element name="DuongDiaGioi" type="nd110n:DuongDiaGioiType" substitutionGroup="nd110n:_NenDiaLy10N" />
<complexType name="DuongDiaGioiType">
  <complexContent>
    <extension base="nd110n:NenDiaLy10NType">
      <sequence>
        <element name="maDoiTuong" type="nd110n:DoiTuongDuongDiaGioiType" minOccurs="1" maxOccurs="1" />
        <element name="loaiHienTrangPhapLy" type="nd110n:LoaiHienTrangPhapLyType" minOccurs="1" maxOccurs="1" />
        <element name="donViHanhChinhLienKeTrai" type="string" minOccurs="0" maxOccurs="1" />
        <element name="donViHanhChinhLienKePhai" type="string" minOccurs="0" maxOccurs="1" />
        <element name="chieuDai" type="double" minOccurs="1" maxOccurs="1" />
        <element name="geo" type="gml:CurvePropertyType" minOccurs="1" maxOccurs="1" />
      </sequence>
    </extension>
  </complexContent>
</complexType>
<complexType name="DoiTuongDuongDiaGioiType">
  <simpleContent>
    <restriction base="gml:CodeType">
      <enumeration value="AC01"/>
      <enumeration value="AC02"/>
      <enumeration value="AC03"/>
    </restriction>
  </simpleContent>

```

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</complexType>
<element name="MocDiaGioi" type="ndl10n:MocDiaGioiType" substitutionGroup="ndl10n:_NenDiaLy10N" />
<complexType name="MocDiaGioiType">
  <complexContent>
    <extension base="ndl10n:NenDiaLy10NType">
      <sequence>
        <element name="maDoiTuong" type="ndl10n:DoiTuongMocDiaGioiType" minOccurs="1" maxOccurs="1" />
        <element name="soHieuMoc" type="string" minOccurs="1" maxOccurs="1" />
        <element name="toaDoX" type="double" minOccurs="1" maxOccurs="1" />
        <element name="toaDoY" type="double" minOccurs="1" maxOccurs="1" />
        <element name="geo" type="gml:PointPropertyType" minOccurs="1" maxOccurs="1" />
      </sequence>
    </extension>
  </complexContent>
</complexType>
<complexType name="DoiTuongMocDiaGioiType">
  <simpleContent>
    <restriction base="gml:CodeType">
      <enumeration value="AG03"/>
      <enumeration value="AG04"/>
      <enumeration value="AG05"/>
    </restriction>
  </simpleContent>
</complexType>
```

```

<element name="DuongCoSoLanhHai" type="nd110n:DuongCoSoLanhHaiType" substitutionGroup="nd110n:_NenDiaLy10N"
/>
<complexType name="DuongCoSoLanhHaiType">
<complexContent>
<extension base="nd110n:NenDiaLy10NType">
<sequence>
<element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
<element name="chieuDai" type="double" minOccurs="1" maxOccurs="1"/>
<element name="geo" type="gml:CurvePropertyType" minOccurs="1" maxOccurs="1"/>
</sequence>
</extension>
</complexContent>
</complexType>

<element name="DiemCoSoLanhHai" type="nd110n:DiemCoSoLanhHaiType" substitutionGroup="nd110n:_NenDiaLy10N" />
<complexType name="DiemCoSoLanhHaiType">
<complexContent>
<extension base="nd110n:NenDiaLy10NType">
<sequence>
<element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
<element name="soHieuMoc" type="string" minOccurs="1" maxOccurs="1" />
<element name="KinhDo" type="double" minOccurs="1" maxOccurs="1"/>
<element name="ViDo" type="double" minOccurs="1" maxOccurs="1"/>
<element name="doCaoH" type="double" minOccurs="1" maxOccurs="1"/>
<element name="geo" type="gml:PointPropertyType" minOccurs="1" maxOccurs="1" />
</sequence>

```

```

</extension>
</complexContent>
</complexType>

<element name="VungBien" type="ndl10n:VungBienType" substitutionGroup="ndl10n:_NenDiaLy10N" />
<complexType name="VungBienType">
<complexContent>
<extension base="ndl10n:NenDiaLy10NType">
<sequence>
<element name="maDoiTuong" type="ndl10n:DoiTuongDuongDiaGoiType" minOccurs="1" maxOccurs="1" />
<element name="dienTich" type="double" minOccurs="1" maxOccurs="1"/>
<element name="geo" type="gml:CurvePropertyType" minOccurs="1" maxOccurs="1"/>
</sequence>
</extension>
</complexContent>
</complexType>
<complexType name="DoiTuongVungBienType">
<simpleContent>
<restriction base="gml:CodeType">
<enumeration value="AE01"/>
<enumeration value="AE02"/>
<enumeration value="AE03"/>
<enumeration value="AE06"/>
</restriction>
</simpleContent>
</complexType>
<element name="DiaDanhSonVan" type="ndl10n:DiaDanhSonVanType" substitutionGroup="ndl10n:_NenDiaLy10N" />

```

```

<complexType name="DiaDanhSon Van Type">
<complexContent>
<extension base="nd110n:NenDiaLy10NType">
<sequence>
<element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
<element name="loaiDoiTuongSon Van" type="nd110n:LoaiDoiTuongSon Van Type" minOccurs="1" maxOccurs="1" />
<element name="ten" type="string" minOccurs="1" maxOccurs="1" />
<element name="geo" type="gml:PointPropertyType" minOccurs="1" maxOccurs="1" />
</sequence>
</extension>
</complexContent>
</complexType>
<complexType name="LoaiDoiTuongSon Van Type">
<simpleContent>
<restriction base="gml:CodeType">
<enumeration value="4" />
<enumeration value="15" />
<enumeration value="29" />
<enumeration value="35" />
<enumeration value="59" />
<enumeration value="70" />
<enumeration value="89" />
<enumeration value="110" />
<enumeration value="111" />
</restriction>
</simpleContent>
</complexType>

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<element name="DiemDoCao" type="nd110n:DiemDoCaoType" substitutionGroup="nd110n:_NenDiaLy10N" />
<complexType name="DiemDoCaoType">
  <complexContent>
    <extension base="nd110n:NenDiaLy10NType">
      <sequence>
        <element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
        <element name="doCaoH" type="double" minOccurs="1" maxOccurs="1" />
        <element name="loaiDiemDoCao" type="nd110n:LoaiDiemDoCaoType" minOccurs="1" maxOccurs="1" />
        <element name="geo" type="gml:PointPropertyType" minOccurs="1" maxOccurs="1" />
      </sequence>
    </extension>
  </complexContent>
</complexType>
<complexType name="LoaiDiemDoCaoType">
  <simpleContent>
    <restriction base="gml:CodeType">
      <enumeration value="1" />
      <enumeration value="2" />
    </restriction>
  </simpleContent>
</complexType>
<element name="DiemDoSau" type="nd110n:DiemDoSauType" substitutionGroup="nd110n:_NenDiaLy10N" />
<complexType name="DiemDoSauType">
  <complexContent>
    <extension base="nd110n:NenDiaLy10NType">

```

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</sequence>
  <element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
  <element name="doSauH" type="double" minOccurs="1" maxOccurs="1" />
  <element name="geo" type="gml:PointPropertyType" minOccurs="1" maxOccurs="1"/>
</sequence>
</extension>
</complexContent>
</complexType>

element name="DuongBinhDo" type="ndll10n:DuongBinhDoType" substitutionGroup="ndll10n:_NenDiaLy10N" />
<complexType name="DuongBinhDoType">
  <complexContent>
    <extension base="ndll10n:_NenDiaLy10NType">
      <sequence>
        <element name="maDoiTuong" type="ndll10n:DuongBinhDoType" minOccurs="1" maxOccurs="1" />
        <element name="loaiDuongBinhDo" type="ndll10n:LoaiDuongBinhDoType" minOccurs="1" maxOccurs="1" />
        <element name="loaiKhongCaoDeu" type="ndll10n:LoaiKhongCaoDeuType" minOccurs="1" maxOccurs="1" />
        <element name="doCaoH" type="double" minOccurs="1" maxOccurs="1" />
        <element name="geo" type="gml:CurvePropertyType" minOccurs="1" maxOccurs="1"/>
      </sequence>
    </extension>
  </complexContent>
</complexType name="DoiTuongDuongBinhDoType">
  <complexContent>
    <restriction base="gml:CodeType">
      <enumeration value="EA03"/>
    </restriction>
  </complexContent>

```

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<enumeration value="EA04"/>
</restriction>
</simpleContent>
</complexType>
<complexType name="LoaiDuongBinhDoType">
<simpleContent>
<restriction base="gml:CodeType">
<enumeration value="1"/>
<enumeration value="2"/>
<enumeration value="3"/>
<enumeration value="4"/>
</restriction>
</simpleContent>
</complexType>
<complexType name="LoaiKhongCaoDeuType">
<simpleContent>
<restriction base="gml:CodeType">
<enumeration value="1"/>
<enumeration value="2"/>
<enumeration value="3"/>
<enumeration value="4"/>
</restriction>
</simpleContent>
</complexType>
<element name="DiaHinhDacBiet" type="nd110n:DiaHinhDacBietType" substitutionGroup="nd110n:_NenDialLy10N" />
<complexType name="DiaHinhDacBietType">
```



```
<complexContent>
  <extension base="nd110n:NenDiaLy10NTType">
    <sequence>
      <element name="maDoiTuong" type="nd110n:DoiTuongDiaHinhDacBietType" minOccurs="1" maxOccurs="1" />
      <element name="ten" type="string" minOccurs="0" maxOccurs="1" />
      <element name="tyCaoTySau" type="double" minOccurs="0" maxOccurs="1" />
      <element name="geo" type="nd110n:LoaiMoTaKhongGianDiaHinhDacBietType" minOccurs="1" maxOccurs="1" />
    </sequence>
  </extension>
</complexContent>
</complexType>
<complexType name="DoiTuongDiaHinhDacBietType">
  <simpleContent>
    <restriction base="gml:CodeType">
      <enumeration value="EB01"/>
      <enumeration value="EB02"/>
      <enumeration value="EB03"/>
      <enumeration value="EB04"/>
      <enumeration value="EB05"/>
      <enumeration value="EB06"/>
      <enumeration value="EB07"/>
      <enumeration value="EB08"/>
      <enumeration value="EB09"/>
      <enumeration value="EB10"/>
      <enumeration value="EB11"/>
      <enumeration value="EB12"/>
      <enumeration value="EB13"/>
    </restriction>
  </simpleContent>
</complexType>
```

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<enumeration value="EB14"/>
<enumeration value="EB15"/>
<enumeration value="EB17"/>
<enumeration value="EB18"/>
<enumeration value="EB20"/>
<enumeration value="EB21"/>
</restriction>
</simpleContent>
</complexType>
<complexType name="LoaiMoTaKhongGianDiaHinhDacBietType">
<sequence>
<element name="point" type="gml:PointPropertyType" />
<element name="curve" type="gml:CurvePropertyType" />
<element name="surface" type="gml:SurfacePropertyType" />
</sequence>
</complexType>
<element name="Bien" type="ndl10n:BienType" substitutionGroup="ndl10n:_NenDiaLy10N" />
<complexType name="BienType">
<complexContent>
<extension base="ndl10n:NenDiaLy10NType">
<sequence>
<element name="maDoiTuong" type="ndl10n:DoiTuongBienType" minOccurs="1" maxOccurs="1" />
<element name="ten" type="string" minOccurs="1" maxOccurs="1" />
<element name="geo" type="ndl10n:LoaiMoTaKhongGianBienDaoType" minOccurs="1" maxOccurs="1" />
</sequence>
</extension>

```

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</complexContent>
</complexType>
<complexType name="DoiTuongBienType">
<simpleContent>
<restriction base="gml:CodeType">
<enumeration value="LC03"/>
<enumeration value="LC06"/>
</restriction>
</simpleContent>
</complexType>
<complexType name="LoaiMoTaKhongGianBienDaoType">
<sequence>
<element name="point" type="gml:PointPropertyType" />
<element name="surface" type="gml:SurfacePropertyType" />
</sequence>
</complexType>
<element name="Dao" type="nd110n:DaoType" substitutionGroup="nd110n:_NenDiaLy10N" />
<complexType name="DaoType">
<complexContent>
<extension base="nd110n:NenDiaLy10NType">
<sequence>
<element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
<element name="ten" type="string" minOccurs="1" maxOccurs="1" />
<element name="loaiTrangThaiXuatLo" type="nd110n:LoaiTrangThaiXuatLoType" minOccurs="1" maxOccurs="1" />
<element name="geo" type="nd110n:LoaiMoTaKhongGianBienDaoType" minOccurs="1" maxOccurs="1" />
</sequence>

```

```

</extension>
</complexContent>
</complexType>
<complexType name="LoaiTrangThaiXuatLoType">
<simpleContent>
<restriction base="gml:CodeType">
<enumeration value="1"/>
<enumeration value="2"/>
<enumeration value="3"/>
</restriction>
</simpleContent>
</complexType>

<element name="NguonNuoc" type="nd110n:NguonNuocType" substitutionGroup="nd110n:_NenDiaLy10N"/>
<complexType name="NguonNuocType">
<complexContent>
<extension base="nd110n:NenDiaLy10NType">
<sequence>
<element name="maDoiTuong" type="nd110n:DoiTuongNguonNuocType" minOccurs="1" maxOccurs="1"/>
<element name="loaiNguonNuoc" type="nd110n:LoaiNguonNuocType" minOccurs="1" maxOccurs="1"/>
<element name="ten" type="string" minOccurs="0" maxOccurs="1"/>
<element name="geo" type="gml:PointPropertyType" minOccurs="1" maxOccurs="1"/>
</sequence>
</extension>
</complexContent>
</complexType>
<complexType name="DoiTuongNguonNuocType">

```

```

<simpleContent>
  <restriction base="gml:CodeType">
    <enumeration value="LA03"/>
    <enumeration value="LA05"/>
  </restriction>
</simpleContent>
</complexType>
<complexType name="LoaiNguonNuocType">
  <simpleContent>
    <restriction base="gml:CodeType">
      <enumeration value="1"/>
      <enumeration value="2"/>
      <enumeration value="3"/>
    </restriction>
  </simpleContent>
</complexType>

<element name="BienDoiDongChay" type="nd110n:BienDoiDongChayType" substitutionGroup="nd110n:_NenDiaLy10N" />
<complexType name="BienDoiDongChayType">
  <complexContent>
    <extension base="nd110n:NenDiaLy10NType">
      <sequence>
        <element name="maDoiTuong" type="nd110n:DoiTuongBienDoiDongChayType" minOccurs="1" maxOccurs="1" />
        <element name="ten" type="string" minOccurs="1" maxOccurs="1" />
        <element name="chieuDai" type="string" minOccurs="0" maxOccurs="1" />
        <element name="tyCaoTySau" type="double" minOccurs="0" maxOccurs="1" />
      </sequence>
    </extension>
  </complexContent>
</complexType>

```

```

<element name="loaiTrangThaiXuatLo" type="nd110n:LoaiTrangThaiXuatLoType" minOccurs="1" maxOccurs="1" />
<element name="geo" type="nd110n:LoaiMoTaKhongGianBienDoiDongChayType" minOccurs="1" maxOccurs="1"/>
</sequence>
</extension>
</complexContent>
</complexType>
<complexType name="DoiTuongBienDoiDongChayType">
<complexContent>
<restriction base="gml:CodeType">
<enumeration value="LC01"/>
<enumeration value="LD02"/>
<enumeration value="LD03"/>
</restriction>
</complexContent>
</complexType>
<complexType name="LoaiMoTaKhongGianBienDoiDongChayType">
<sequence>
<element name="point" type="gml:PointPropertyType" />
<element name="curve" type="gml:CurvePropertyType" />
<element name="surface" type="gml:SurfacePropertyType" />
</sequence>
</complexType>
</extension base="nd110n:NenDiaLy10NType">
<complexType name="BaiBoi" type="nd110n:BaiBoiType" substitutionGroup="nd110n:_NenDiaLy10N" />
<complexContent>
<extension base="nd110n:NenDiaLy10NType">

```

```
<sequence>
  <element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
  <element name="ten" type="string" minOccurs="0" maxOccurs="1" />
  <element name="loaiBaiBoi" type="nd110n:LoaiBaiBoiType" minOccurs="1" maxOccurs="1" />
  <element name="geo" type="nd110n:LoaiMoTaKhongGianBaiBoiType" minOccurs="1" maxOccurs="1" />
</sequence>
</extension>
</complexContent>
</complexType>
<complexType name="loaiBaiBoiType">
  <simpleContent>
    <restriction base="gml:CodeType">
      <enumeration value="-1" />
      <enumeration value="1" />
      <enumeration value="2" />
      <enumeration value="3" />
      <enumeration value="4" />
    </restriction>
  </simpleContent>
</complexType>
<complexType name="LoaiMoTaKhongGianBaiBoiType">
  <sequence>
    <element name="point" type="gml:PointPropertyType" />
    <element name="surface" type="gml:SurfacePropertyType" />
  </sequence>
</complexType>
```

```

<element name="_NuocMat" type="ndl10n:NuocMatType" abstract="true" substitutionGroup="ndl10n:_NenDiaLy10N" />
<complexType name="NuocMatType" abstract="true">
  <complexContent>
    <extension base="ndl10n:NenDiaLy10NType">
      </extension>
    </complexContent>
  </complexType>
</complexType>

<element name="MatNuocTinh" type="ndl10n:MatNuocTinhType" substitutionGroup="ndl10n:_NuocMat" />
<complexType name="MatNuocTinhType">
  <complexContent>
    <extension base="ndl10n:NuocMatType">
      <sequence>
        <element name="maDoiTuong" type="ndl10n:DoiTuongNuocMatTinhType" minOccurs="1" maxOccurs="1" />
        <element name="ten" = "ndl10n:DoiTuongNuocMatTinhType" minOccurs="1" maxOccurs="1" />
        <element name="geo" type="gml:SurfacePropertyType" minOccurs="1" maxOccurs="1"/>
      </sequence>
    </extension>
  </complexContent>
</complexType>
</complexType>

<complexType name="DoiTuongNuocMatTinhType">
  <simpleContent>
    <restriction base="gml:CodeType">
      <enumeration value="LB01"/>
      <enumeration value="LB02"/>
      <enumeration value="LB03"/>
    </restriction>
  </simpleContent>
</complexType>

```



```

</restriction>
</simpleContent>
</complexType>

<element name="SongSuoi" type="ndl10n:SongSuoiType" substitutionGroup="ndl10n:_NuocMat" />
<complexType name="SongSuoiType">
<complexContent>
<extension base="ndl10n:NuocMatType">
<sequence>
<element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
<element name="loaiTrangThaiNuocMat" type="ndl10n:LoaiTrangThaiNuocMatType" minOccurs="1" maxOccurs="1" />
<element name="ten" type="string" minOccurs="1" maxOccurs="1" />
<element name="geo" type="ndl10n:LoaiMoTaKhongGianDongChayMatType" minOccurs="1" maxOccurs="1" />
</sequence>
</extension>
</complexContent>
</complexType>
<complexType name="LoaiTrangThaiNuocMatType">
<simpleContent>
<restriction base="gml:CodeType">
<enumeration value="1" />
<enumeration value="2" />
<enumeration value="3" />
</restriction>
</simpleContent>
</complexType>
<complexType name="LoaiMoTaKhongGianDongChayMatType">

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```

</sequence>
<element name="curve" type="gml:CurvePropertyType" />
<element name="surface" type="gml:SurfacePropertyType" />
</sequence>
</complexType>

<element name="KenhMuong" type="nd110n:KenhMuongType" substitutionGroup="nd110n:_NuocMat" />
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<element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
<element name="ten" type="string" minOccurs="1" maxOccurs="1" />
<element name="LoaiHienTrangSuDung" type="string" minOccurs="1" maxOccurs="1" />
<element name="geo" type="nd110n:LoaiMoTaKhongGianDongChayMatType" minOccurs="1" maxOccurs="1" />
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</extension>
</complexContent>
</complexType>
<complexType name="LoaiHienTrangSuDungType">
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</complexType>

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  </sequence>
</complexType>

<element name="_RanhGioiNuocMat" type="nd110n:RanhGioiNuocMatType" abstract="true"
substitutionGroup="nd110n:_NenDiaLy10N" />
<complexType name="RanhGioiNuocMatType" abstract="true">
  <complexContent>
    <extension base="nd110n:NenDiaLy10NType">
      <sequence>
        <element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
        <element name="loaiRanhGioiNuocMatQuyUoc" type="nd110n:LoaiRanhGioiNuocMatQuyUocType" minOccurs="1"
maxOccurs="1"/>
      </sequence>
    </extension>
  </complexContent>
</complexType>
<complexType name="LoaiRanhGioiNuocMatQuyUocType">
  <simpleContent>
    <restriction base="gml:CodeType">
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    </restriction>
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<element name="DuongBoNuoc" type="nd110n:DuongBoNuocType" substitutionGroup="nd110n:_RanhGioiNuocMat" />
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<complexContent>
<extension base="nd110n:RanhGioiNuocMatType">
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<element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
<element name="loaiTrangThaiDuongBoNuoc" type="nd110n:LoaiTrangThaiDuongBoNuocType" minOccurs="1"
maxOccurs="1" />
<element name="loaiRanhGioiNuocMat" type="nd110n:LoaiRanhGioiNuocMatType" minOccurs="1" maxOccurs="1" />
<element name="geo" type="gml:CurvePropertyType" minOccurs="1" maxOccurs="1" />
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</restriction>
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<element name="DuongMepNuoc" type="nd110n:DuongMepNuocType" substitutionGroup="nd110n:_RanhGioiNuocMat" />
<complexType name="DuongMepNuocType">
<complexContent>
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<element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
<element name="loaiRanhGioiNuocMat" type="nd110n:LoaiRanhGioiNuocMatType" minOccurs="1" maxOccurs="1" />
<element name="geo" type="gml:CurvePropertyType" minOccurs="1" maxOccurs="1"/>
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</extension>
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<element name="RanhGioiNuocMatQuyUoc" type="nd110n:RanhGioiNuocMatQuyUocType"
substitutionGroup="nd110n:_RanhGioiNuocMat"/>
<complexType name="RanhGioiNuocMatQuyUocType">
<complexContent>
<extension base="nd110n:RanhGioiNuocMatType">
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<element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1"/>
<element name="loaiRanhGioiNuocMatQuyUoc" type="nd110n:LoaiRanhGioiNuocMatQuyUocType" minOccurs="1"
maxOccurs="1"/>
<element name="ten" type="string" minOccurs="1" maxOccurs="1"/>
<element name="geo" type="gml:CurvePropertyType" minOccurs="1" maxOccurs="1"/>
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<extension base="nd110n:NenDiaLy10NType">
<sequence>
<element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
<element name="ten" = "string" minOccurs="1" maxOccurs="1" />
<element name="loiDe" type="nd110n:LoiDeType" minOccurs="1" maxOccurs="1" />
<element name="dungLamGiaoThong" type="boolean" minOccurs="1" maxOccurs="1" />
<element name="geo" type="nd110n:LoiMoTaKhongGianDeDapType" minOccurs="1" maxOccurs="1" />
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<simpleContent>

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  <enumeration value="5"/>
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<complexType name="LoaiMoTaKhongGianDeDapType">
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    <element name="curve" type="gml:CurvePropertyType" />
    <element name="surface" type="gml:SurfacePropertyType" />
  </sequence>
</complexType>
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<complexType name="DapType">
  <complexContent>
    <extension base="ndl10n:NenDiaLy10NType">
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        <element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
        <element name="danhTuChung" type="string" minOccurs="1" maxOccurs="1" />
        <element name="ten" type="string" minOccurs="1" maxOccurs="1" />
        <element name="loaiDap" type="ndl10n:LoaiDapType" minOccurs="1" maxOccurs="1" />
        <element name="dungLamGiaoThong" type="boolean" minOccurs="1" maxOccurs="1" />
        <element name="geo" type="ndl10n:LoaiMoTaKhongGianDeDapType" minOccurs="1" maxOccurs="1" />
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    </extension>
  </complexContent>
</complexType>

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</sequence>
</extension>
</complexContent>
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<element name="BoKeBoCap " type="ndl10n:BoKeBoCapType" substitutionGroup="ndl10n:_NenDiaLy10N" />
<complexType name="BoKeBoCapType">
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<extension base="ndl10n:NenDiaLy10NType">
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<element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
<element name="geo" type="surface" type="gml:SurfacePropertyType" minOccurs="1" maxOccurs="1" />
</sequence>
</extension>
</complexContent>
</complexType>

<element name="CongThuyLoi" type="ndl10n:CongThuyLoiType" substitutionGroup="ndl10n:_NenDiaLy10N" />

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<extension base="nd110n:NenDiaLy10NType">
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<element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
<element name="ten" type="string" minOccurs="0" maxOccurs="1" />
<element name="loaiCongThuyLoi" type="nd110n:LoaiCongThuyLoiType" minOccurs="1" maxOccurs="1" />
<element name="geo" type="nd110n:LoaiMoTaKhongGianCongType" minOccurs="1" maxOccurs="1" />
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</extension>
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</complexType>
<complexType name="LoaiCongThuyLoiType">
<simpleContent>
<restriction base="gml:CodeType">
<enumeration value="1" />
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</restriction>
</simpleContent>
</complexType>
<complexType name="LoaiMoTaKhongGianCongType">
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<element name="point" type="gml:PointPropertyType" />
<element name="curve" type="gml:CurvePropertyType" />
</sequence>
</complexType>
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<element name="CongTrinhTrenDe" type="ndl10n:CongTrinhTrenDeType" substitutionGroup="ndl10n:_NenDiaLy10N" />
<complexType name="CongTrinhTrenDeType">
  <complexContent>
    <extension base="ndl10n:NenDiaLy10NType">
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        <element name="maDoiTuong" type="ndl10n:DoiTuongCongTrinhTrenDeType" minOccurs="1" maxOccurs="1" />
        <element name="ten" type="string" minOccurs="0" maxOccurs="1" />
        <element name="geo" type="ndl10n:LoaiMoTaKhongGianCongTrinhTrenDeType" minOccurs="1" maxOccurs="1" />
      </sequence>
    </extension>
  </complexContent>
</complexType>
<complexType name="LoaiMoTaKhongGianCongTrinhTrenDeType">
  <sequence>
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    <element name="curve" type="gml:CurvePropertyType" />
  </sequence>
</complexType>
<complexType name="DoiTuongCongTrinhTrenDeType">
  <simpleContent>
    <restriction base="gml:CodeType">
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      <enumeration value="LE02" />
    </restriction>
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</complexType>

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<element name="MatBoKenhMuong" type="nd110n:MatBoKenhMuongType" substitutionGroup="nd110n:_NenDiaLy10N" />
<complexType name="MatBoKenhMuongType">
  <complexContent>
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        <element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
        <element name="dungLamGiaoThong" type="boolean" minOccurs="1" maxOccurs="1" />
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    </extension>
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</complexType>

<element name="TaLuyCongTrinhThuyLoi" type="nd110n:TaLuyCongTrinhThuyLoiType"
substitutionGroup="nd110n:_NenDiaLy10N" />
<complexType name="TaLuyCongTrinhThuyLoiType">
  <complexContent>
    <extension base="nd110n:NenDiaLy10NType">
      <sequence>
        <element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
        <element name="loaiTaLuyThuyLoi" type="nd110n:LoaiTaLuyThuyLoiType" minOccurs="1" maxOccurs="1" />
        <element name="loaiHinhThaiTaLuy" type="nd110n:LoaiHinhThaiTaLuyType" minOccurs="1" maxOccurs="1" />
        <element name="loaiThanhPhanTaLuy" type="nd110n:LoaiThanhPhanTaLuyType" minOccurs="1" maxOccurs="1" />
        <element name="tyCaoTySau" type="double" minOccurs="1" maxOccurs="1" />
        <element name="geo" type="gml:CurvePropertyType" minOccurs="1" maxOccurs="1"/>
      </sequence>
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  </complexContent>

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</complexContent>
</complexType>
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</complexType>
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</simpleContent>
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<element name="MangDanNuoc" type="nd110n:MangDanNuocType" substitutionGroup="nd110n:_NenDiaLy10N" />
<complexType name="MangDanNuocType">
  <complexContent>
    <extension base="nd110n:NenDiaLy10NType">
      <sequence>
        <element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
        <element name="loaiMangDanNuoc" type="nd110n:LoaiMangDanNuocType" minOccurs="1" maxOccurs="1" />
        <element name="geo" type="nd110n:LoaiMoTaKhongGianMangNuocType" minOccurs="1" maxOccurs="1" />
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    </extension>
  </complexContent>
</complexType>
<complexType name="LoaiMangDanNuocType">
  <simpleContent>
    <restriction base="gml:CodeType">
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    </restriction>
  </simpleContent>
</complexType>
<complexType name="LoaiMoTaKhongGianMangNuocType">
  <sequence>
    <element name="curve" type="gml:CurvePropertyType" />
  </sequence>
</complexType>
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<element name="TramBom" type="nd110n:TramBomType" substitutionGroup="nd110n:_NenDiaLy10N" />
<complexType name="TramBomType">
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<extension base="nd110n:NenDiaLy10NType">
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<element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
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<element name="geo" type="gml:PointPropertyType" minOccurs="1" maxOccurs="1"/>
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</extension>
</complexContent>
</complexType>

<element name="DamLay" type="nd110n:DamLayType" substitutionGroup="nd110n:_NenDiaLy10N" />
<complexType name="DamLayType">
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<extension base="nd110n:NenDiaLy10NType">
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<element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
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<element name="geo" type="gml:SurfacePropertyType" minOccurs="1" maxOccurs="1"/>
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</complexContent>
</complexType>

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<element name="NutDuongSat" type="nd110n:NutDuongSatType" substitutionGroup="nd110n:_NenDiaLy10N" />
<complexType name="NutDuongSatType">
  <complexContent>
    <extension base="nd110n:_NenDiaLy10NType">
      <sequence>
        <element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
        <element name="geo" type="gml:PointPropertyType" minOccurs="1" maxOccurs="1" />
      </sequence>
    </extension>
  </complexContent>
</complexType>

<element name="DoanDuongSat" type="nd110n:DoanDuongSatType" substitutionGroup="nd110n:_NenDiaLy10N" />
<complexType name="DoanDuongSatType">
  <complexContent>
    <extension base="nd110n:_NenDiaLy10NType">
      <sequence>
        <element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
        <element name="loaiDuongSat" type="nd110n:LoaiDuongSatType" minOccurs="1" maxOccurs="1" />
        <element name="loaiChucNangDuongSat" type="nd110n:LoaiChucNangDuongSatType" minOccurs="1" maxOccurs="1" />
        <element name="loaiHienTrangSuDung" type="nd110n:LoaiHienTrangDuongSatType" minOccurs="1" maxOccurs="1" />
        <element name="loaiKhoDuongSat" type="nd110n:LoaiKhoDuongSatType" minOccurs="1" maxOccurs="1" />
        <element name="loaiKetCauDuongSat" type="nd110n:LoaiKetCauDuongSatType" minOccurs="1" maxOccurs="1" />
        <element name="geo" type="gml:CurvePropertyType" minOccurs="1" maxOccurs="1" />
      </sequence>
    </extension>
  </complexContent>

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</complexContent>
</complexType>

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    <restriction base="gml:CodeType">
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  </simpleContent>
</complexType>

<complexType name="LoaiChucNangDuongSatType">
  <simpleContent>
    <restriction base="gml:CodeType">
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    </restriction>
  </simpleContent>
</complexType>

<complexType name="LoaiHienTrangDuongSatType">
  <simpleContent>
    <restriction base="gml:CodeType">
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</complexType>
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</complexType>
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<restriction base="gml:CodeType">
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</restriction>
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<complexContent>
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<element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
<element name="ten" type="string" minOccurs="1" maxOccurs="1" />
<element name="loaiCauGiaoThong" type="nd110n:LoaiCauGiaoThongType" minOccurs="1" maxOccurs="1" />
<element name="loaiChucNangCau" type="nd110n:LoaiChucNangCauType" minOccurs="1" maxOccurs="1" />
<element name="taiTrong" type="double" minOccurs="0" maxOccurs="1" />
<element name="chieuRong" type="double" minOccurs="1" maxOccurs="1" />
<element name="chieuDai" type="double" minOccurs="1" maxOccurs="1" />
<element name="geo" type="gml:CurvePropertyType" minOccurs="1" maxOccurs="1" />
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</extension>
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</complexType>
<complexType name="LoaiChucNangCauType">
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  <enumeration value="4"/>
</restriction>
</simpleContent>
</complexType>
<element name="HamGiaoThong" type="nd110n:HamGiaoThongType" substitutionGroup="nd110n:_NenDiaLy10N" />
<complexType name="HamGiaoThongType">
  <complexContent>
    <extension base="nd110n:NenDiaLy10NType">
      <sequence>
        <element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
        <element name="ten" type="string" minOccurs="1" maxOccurs="1" />
        <element name="loaiHamGiaoThong" type="nd110n:LoaiHamGiaoThongType" minOccurs="1" maxOccurs="1" />
        <element name="chieuDai" type="double" minOccurs="1" maxOccurs="1" />
        <element name="chieuCao" type="double" minOccurs="1" maxOccurs="1" />
        <element name="chieuRong" type="double" minOccurs="1" maxOccurs="1" />
        <element name="geo" type="gml:CurveType" minOccurs="1" maxOccurs="1"/>
      </sequence>
    </extension>
  </complexContent>
</complexType>
<complexType name="LoaiHamGiaoThongType">
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<restriction base="gml:CodeType">
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</restriction>
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</complexType>

<element name="DuongNoiBo" type="nd110n:DuongNoiBoType" substitutionGroup="nd110n:_NenDiaLy10N" />
<complexType name="DuongNoiBoType">
  <complexContent>
    <extension base="nd110n:NenDiaLy10NType">
      <sequence>
        <element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
        <element name="loaiChatLieuTraiMat" type="nd110n:LoaiChatLieuTraiMatType" minOccurs="1" maxOccurs="1" />
        <element name="geo" type="nd110n:LoaiMoTaKhongGianDuongNoiBoType" minOccurs="1" maxOccurs="1" />
      </sequence>
    </extension>
  </complexContent>
</complexType>

<complexType name="LoaiChatLieuTraiMatType">
  <simpleContent>
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    </restriction>
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</complexType>
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</complexType>
<complexType name="LoaiMoTaKhongGianDuongNoiBoType">
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<element name="surface" type="gml:SurfacePropertyType" />
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<complexType name="BenBaiType">
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<extension base="nd110n:NenDiaLy10NType">
<sequence>
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<element name="ten" type="string" minOccurs="0" maxOccurs="1" />
<element name="geo" type="gml:Point" minOccurs="1" maxOccurs="1"/>
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<enumeration value="HA03"/>
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</simpleContent>
</complexType>

<element name="DuongCao Treo" type="nd110n:DuongCaoTreoType" substitutionGroup="nd110n:_NenDiaLy10N" />
<complexType name="DuongCaoTreoType">
<complexContent>
<extension base="nd110n:NenDiaLy10NType">
<sequence>
<element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
<element name="ten" type="string" minOccurs="0" maxOccurs="1" />
<element name="chieuDai" type="double" minOccurs="0" maxOccurs="1" />
<element name="geo" type="gml:CurvePropertyType" minOccurs="1" maxOccurs="1" />
</sequence>
</extension>
</complexContent>
</complexType>

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<element name="BaoHieuGiaoThong" type="ndl10n:BaoHieuGiaoThongType" substitutionGroup="ndl10n:_NenDiaLy10N" />
<complexType name="BaoHieuGiaoThongType">
  <complexContent>
    <extension base="ndl10n:_NenDiaLy10NType">
      <sequence>
        <element name="maDoiTuong" type="ndl10n:DoiTuongBaoHieuGiaoThongType" minOccurs="1" maxOccurs="1" />
        <element name="ten" type="string" minOccurs="0" maxOccurs="1" />
        <element name="loaiBaoHieuGiaoThong" type="ndl10n:LoaiBaoHieuGiaoThongType" minOccurs="1" maxOccurs="1" />
        <element name="geo" type="gml:PointPropertyType" minOccurs="1" maxOccurs="1" />
      </sequence>
    </extension>
  </complexContent>
</complexType>
<complexType name="DoiTuongBaoHieuGiaoThongType">
  <simpleContent>
    <restriction base="gml:CodeType">
      <enumeration value="HGO7"/>
      <enumeration value="HG08"/>
    </restriction>
  </simpleContent>
</complexType>
<complexType name="LoaiBaoHieuGiaoThongType">
  <simpleContent>
    <restriction base="gml:CodeType">
      <enumeration value="3"/>
      <enumeration value="4"/>
    </restriction>
  </simpleContent>
</complexType>

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</restriction>
</simpleContent>
</complexType>

<element name="TaLuyGiaoThong" type="ndl10n:TaLuyGiaoThongType" substitutionGroup="ndl10n:_NenDiaLy10N" />
<complexType name="TaLuyGiaoThongType">
<complexContent>
<extension base="ndl10n:NenDiaLy10NType">
<sequence>
<element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
<element name="loaiTaLuyGiaoThong" type="ndl10n:LoaiTaLuyGiaoThongType" minOccurs="1" maxOccurs="1" />
<element name="loaiHinhThaiTaLuy" type="ndl10n:LoaiHinhThaiTaLuyType" minOccurs="1" maxOccurs="1" />
<element name="loaiThanhPhanTaLuy" type="ndl10n:LoaiThanhPhanTaLuyType" minOccurs="1" maxOccurs="1" />
<element name="tyCaoTySau" type="double" minOccurs="0" maxOccurs="1" />
<element name="geo" type="gml:CurvePropertyType" minOccurs="1" maxOccurs="1" />
</sequence>
</extension>
</complexContent>
</complexType>
<complexType name="LoaiTaLuyGiaoThongType">
<simpleContent>
<restriction base="gml:CodeType">
<enumeration value="1" />
<enumeration value="2" />
</restriction>
</simpleContent>
</complexType>

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<element name="MatDuongBo" type="ndl10n:MatDuongBoType" substitutionGroup="ndl10n:_NenDiaLy10N" />
<complexType name="MatDuongBoType">
  <complexContent>
    <extension base="ndl10n:NenDiaLy10NType">
      <sequence>
        <element name="maDoiTuong" type="ndl10n:DoiTuongMatDuongBoType" minOccurs="1" maxOccurs="1" />
        <element name="geo" type="gml:SurfacePropertyType" minOccurs="1" maxOccurs="1"/>
      </sequence>
    </extension>
  </complexContent>
</complexType>

<complexType name="DoiTuongMatDuongBoType">
  <simpleContent>
    <restriction base="gml:CodeType">
      <enumeration value="HA04"/>
      <enumeration value="HA05"/>
      <enumeration value="HA09"/>
      <enumeration value="HA22"/>
      <enumeration value="HA23"/>
    </restriction>
  </simpleContent>
</complexType>

<element name="RanhGioiDuongBo" type="ndl10n:RanhGioiDuongBoType" substitutionGroup="ndl10n:_NenDiaLy10N" />
<complexType name="RanhGioiDuongBoType">
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<complexContent>
  <extension base="ndl10n:NenDiaLy10NType">
    <sequence>
      <element name="maDoiTuong" type="ndl10n:DoiTuongRanhGioiDuongBoType" minOccurs="1" maxOccurs="1" />
      <element name="geo" type="gml:CurvePropertyType" minOccurs="1" maxOccurs="1"/>
    </sequence>
  </extension>
</complexContent>
</complexType>
<complexType name="DoiTuongRanhGioiDuongBoType">
  <simpleContent>
    <restriction base="gml:CodeType">
      <enumeration value="HA08"/>
      <enumeration value="HA15"/>
      <enumeration value="HA21"/>
    </restriction>
  </simpleContent>
</complexType>
<element name="HamDiBo" type="ndl10n:HamDiBoType" substitutionGroup="ndl10n:_NenDiaLy10N" />
<complexType name="HamDiBoType">
  <complexContent>
    <extension base="ndl10n:NenDiaLy10NType">
      <sequence>
        <element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
        <element name="geo" type="point" type="gml:PointPropertyType" minOccurs="1" maxOccurs="1" />
      </sequence>
    </extension>
  </complexContent>

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</complexContent>
</complexType>

<element name="CongGiaoThong" type="nd110n:CongGiaoThongType" substitutionGroup="nd110n:_NenDiaLy10N" />
<complexType name="CongGiaoThongType">
<complexContent>
<extension base="nd110n:_NenDiaLy10NType">
<sequence>
<element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
<element name="ten" type="string" minOccurs="0" maxOccurs="1" />
<element name="loaiCongGiaoThong" type="nd110n:LoaiCongGiaoThongType" minOccurs="1" maxOccurs="1" />
<element name="geo" type="gml:CurvePropertyType" minOccurs="1" maxOccurs="1" />
</sequence>
</extension>
</complexContent>
</complexType>
<complexType name="LoaiCongGiaoThongType">
<simpleContent>
<restriction base="gml:CodeType">
<enumeration value="1" />
<enumeration value="2" />
</restriction>
</simpleContent>
</complexType>

<element name="CauDiBo" type="nd110n:CauDiBoType" substitutionGroup="nd110n:_NenDiaLy10N" />
<complexType name="CauDiBoType">

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<complexContent>
  <extension base="nd110n:NenDiaLy10NType">
    <sequence>
      <element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
      <element name="geo" type="geo" type="gml:CurvePropertyType" minOccurs="1" maxOccurs="1"/>
    </sequence>
  </extension>
</complexContent>
</complexType>

<element name="DoanVuotSongSuoi" type="nd110n:DoanVuotSongSuoiType" substitutionGroup="nd110n:_NenDiaLy10N" />
<complexType name="DoanVuotSongSuoiType">
  <complexContent>
    <extension base="nd110n:NenDiaLy10NType">
      <sequence>
        <element name="maDoiTuong" type="nd110n:DoiTuongDoanVuotSongSuoiType" minOccurs="1" maxOccurs="1" />
        <element name="ten" type="string" minOccurs="0" maxOccurs="1" />
        <element name="geo" type="gml:CurvePropertyType" minOccurs="1" maxOccurs="1"/>
      </sequence>
    </extension>
  </complexContent>
</complexType>

<complexType name="DoiTuongDoanVuotSongSuoiType">
  <simpleContent>
    <restriction base="gml:CodeType">
      <enumeration value="HA16"/>
      <enumeration value="HA17"/>
    </restriction>
  </simpleContent>

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<enumeration value="HA18"/>
<enumeration value="HA19"/>
</restriction>
</simpleContent>
</complexType>

<element name="NutMangDuongBo" type="ndl10n:NutMangDuongBoType" substitutionGroup="ndl10n:_NenDiaLy10N" />
<complexType name="NutMangDuongBoType">
<complexContent>
<extension base="ndl10n:NenDiaLy10NType">
<sequence>
<element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
<element name="geo" type="gml:PointPropertyType" minOccurs="1" maxOccurs="1"/>
</sequence>
</extension>
</complexContent>
</complexType>

<element name="DoanTimDuongBo" type="ndl10n:DoanTimDuongBoType" substitutionGroup="ndl10n:_NenDiaLy10N" />
<complexType name="DoanTimDuongBoType">
<complexContent>
<extension base="ndl10n:NenDiaLy10NType">
<sequence>
<element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
<element name="loaiDuongBo" type="ndl10n:LoaiDuongBoType" minOccurs="1" maxOccurs="1" />
<element name="loaiChatLieuTraiMat" type="ndl10n:LoaiChatLieuTraiMatType" minOccurs="1" maxOccurs="1" />
<element name="loaiHienTrangSuDung" type="ndl10n:LoaiHienTrangSuDungType" minOccurs="1" maxOccurs="1" />

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<element name="loaiKetCau" type="nd10n:LoaiKetCauType" minOccurs="1" maxOccurs="1" />
<element name="doRong" type="double" minOccurs="1" maxOccurs="1" />
<element name="ten" type="string" minOccurs="0" maxOccurs="1" />
<element name="tenTuyen1" type="string" minOccurs="0" maxOccurs="1" />
<element name="tenTuyen2" type="string" minOccurs="0" maxOccurs="1" />
<element name="tenTuyen3" type="string" minOccurs="0" maxOccurs="1" />
<element name="geo" type="gml:CurvePropertyType" minOccurs="1" maxOccurs="1" />
</sequence>
</extension>
</complexContent>
</complexType>

<complexType name="LoaiDuongBoType">
<simpleContent>
<restriction base="gml:CodeType">
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<enumeration value="4"/>
<enumeration value="5"/>
<enumeration value="6"/>
<enumeration value="7"/>
<enumeration value="9"/>
</restriction>
</simpleContent>
</complexType>
<complexType name="LoaiHienTrangSuDungType">
<simpleContent>

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<restriction base="gml:CodeType">
  <enumeration value="1"/>
  <enumeration value="2"/>
</restriction>
</simpleContent>
</complexType>
<complexType name="LoaiKetCauType">
  <simpleContent>
    <restriction base="gml:CodeType">
      <enumeration value="1"/>
      <enumeration value="2"/>
      <enumeration value="3"/>
      <enumeration value="4"/>
      <enumeration value="5"/>
      <enumeration value="6"/>
      <enumeration value="7"/>
      <enumeration value="8"/>
      <enumeration value="9"/>
    </restriction>
  </simpleContent>
</complexType>
<element name="Deo" type="nd110n:DeoType" substitutionGroup="nd110n:_NenDiaLy10N" />
<complexType name="DeoType">
  <complexContent>
    <extension base="nd110n:NenDiaLy10NType">
      <sequence>
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<element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
<element name="ten" type="string" minOccurs="0" maxOccurs="1" />
<element name="chieuDai" type="string" minOccurs="0" maxOccurs="1" />
<element name="geo" type="gml:PointPropertyType" minOccurs="1" maxOccurs="1"/>
</sequence>
</extension>
</complexContent>
</complexType>
</schema>

<element name="RanhGioiKhuChucNang" type="nd10n:RanhGioiKhuChucNangType"
substitutionGroup="nd10n:_NenDiaLy10N" />
<complexType name="RanhGioiKhuChucNangType">
<complexContent>
<extension base="nd10n:NenDiaLy10NType">
<sequence>
<element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
<element name="loaiDoiTuongNhanDang" type="nd10n:LoaiDoiTuongNhanDangType" minOccurs="1" maxOccurs="1" />
<element name="geo" type="gml:CurvePropertyType" minOccurs="1" maxOccurs="1"/>
</sequence>
</extension>
</complexContent>
</complexType>
<complexType name="LoaiDoiTuongNhanDangType">
<simpleContent>
<restriction base="gml:CodeType">
<enumeration value="1"/>

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<enumeration value="2"/>
<enumeration value="3"/>
</restriction>
</simpleContent>
</complexType>

<element name="KhuChucNang" type="ndl10n:Khu ChucNangType" substitutionGroup="ndl10n:_NenDiaLy10N" />
<complexType name=" KhuChucNangType">
<complexContent>
<extension base="ndl10n:NenDiaLy10NType">
<sequence>
<element name="maDoiTuong" type="ndl10n:DoiTuongKhuChucNangType" minOccurs="1" maxOccurs="1" />
<element name="ten" type="string" minOccurs="1" maxOccurs="1" />
<element name="diaChi" type="string" minOccurs="0" maxOccurs="1" />
<element name="geo" type="ndl10n:LoaiMoTaKhongGianKhuChucNangType" minOccurs="1" maxOccurs="1" />
</sequence>
</extension>
</complexContent>
</complexType>

<complexType name="DoiTuongKhuChucNangType">
<simpleContent>
<restriction base="gml:CodeType">
<enumeration value="BD02"/>
<enumeration value="BD03"/>
<enumeration value="BD04"/>
<enumeration value="BE02"/>
<enumeration value="BE03"/>

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<enumeration value="BE04"/>  
<enumeration value="BE05"/>  
<enumeration value="BE06"/>  
<enumeration value="BE07"/>  
<enumeration value="BE09"/>  
<enumeration value="BE10"/>  
<enumeration value="BG02"/>  
<enumeration value="BG03"/>  
<enumeration value="BG04"/>  
<enumeration value="BG05"/>  
<enumeration value="BG06"/>  
<enumeration value="BG07"/>  
<enumeration value="BG08"/>  
<enumeration value="BG09"/>  
<enumeration value="BG10"/>  
<enumeration value="BG11"/>  
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<enumeration value="BI03"/>  
<enumeration value="BK02"/>  
<enumeration value="BK03"/>  
<enumeration value="BL02"/>  
<enumeration value="BL03"/>  
<enumeration value="BL04"/>

<enumeration value="BL05"/>  
<enumeration value="BL06"/>  
<enumeration value="BL07"/>  
<enumeration value="BL08"/>  
<enumeration value="BL09"/>  
<enumeration value="BL11"/>  
<enumeration value="BL12"/>  
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<enumeration value="BP03"/>  
<enumeration value="BP04"/>  
<enumeration value="BO03"/>  
<enumeration value="BO04"/>  
<enumeration value="BO05"/>  
<enumeration value="BQ04"/>

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<enumeration value="BQ08"/>
<enumeration value="BQ09"/>
<enumeration value="BQ10"/>
<enumeration value="BQ11"/>
<enumeration value="BQ13"/>
<enumeration value="BQ15"/>
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<enumeration value="BR05"/>
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<enumeration value="BV02"/>
<enumeration value="BV03"/>
<enumeration value="BV04"/>
<enumeration value="BV05"/>
<enumeration value="HI01"/>
</restriction>
</simpleContent>
</complexType>
<complexType name="LoaiMoTaKhongGianKhuChucNangType">
<sequence>
<element name="point" type="gml:PointPropertyType" />
<element name="surface" type="gml:SurfacePropertyType" />
</sequence>
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</complexType>
<element name="Nha" type="nd110n:NhaType" substitutionGroup="nd110n:_NenDiaLy10N" />
<complexType name="NhaType">
  <complexContent>
    <extension base="nd110n:NenDiaLy10NType">
      <sequence>
        <element name="maDoiTuong" type="nd110n:DoiTuongNhaType" minOccurs="1" maxOccurs="1" />
        <element name="ten" type="string" minOccurs="0" maxOccurs="1" />
        <element name="chieuCao" type="double" minOccurs="1" maxOccurs="1" />
        <element name="geo" type="gml:SurfacePropertyType" minOccurs="1" maxOccurs="1" />
      </sequence>
    </extension>
  </complexContent>
</complexType>
<complexType name="DoiTuongNhaType">
  <simpleContent>
    <restriction base="gml:CodeType">
      <enumeration value="CB02" />
      <enumeration value="CB01" />
    </restriction>
  </simpleContent>
</complexType>
<element name="CongTrinhKienTrucDacBiet" type="nd110n:CongTrinhKienTrucDacBietType"
substitutionGroup="nd110n:_NenDiaLy10N" />
<complexType name="CongTrinhKienTrucDacBietType">
  <complexContent>

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<extension base="nd110n:NenDiaLy10NTType">
<sequence>
  <element name="maDoiTuong" type="nd110n:DoiTuongCongTrinhKienTrucType" minOccurs="1" maxOccurs="1" />
  <element name="ten" type="string" minOccurs="0" maxOccurs="1" />
  <element name="geo" type="gml:PointPropertyType" minOccurs="1" maxOccurs="1" />
</sequence>
</extension>
</complexContent>
</complexType>
<complexType name="DoiTuongCongTrinhKienTrucType">
<simpleContent>
<restriction base="gml:CodeType">
  <enumeration value="BQ03"/>
  <enumeration value="BQ05"/>
  <enumeration value="BQ12"/>
  <enumeration value="BQ14"/>
</restriction>
</simpleContent>
</complexType>

<element name="TramThuPhatSong" type="nd110n:TramThuPhatSongType" substitutionGroup="nd110n:_NenDiaLy10N" />
<complexType name="TramThuPhatSongType">
<complexContent>
<extension base="nd110n:NenDiaLy10NTType">
<sequence>
  <element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
  <element name="geo" type="point" type="gml:PointPropertyType" minOccurs="1" maxOccurs="1" />

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</sequence>
</extension>
</complexContent>
</complexType>
<element name="TramQuanTrac" type="ndl10n:TramQuanTracType" substitutionGroup="ndl10n:_NenDiaLy10N" />
<complexType name="TramQuanTracType">
<complexContent>
<extension base="ndl10n:NenDiaLy10NType">
<sequence>
<element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
<element name="loaiTramQuanTrac" type="ndl10n:LoaiTramQuanTracType" minOccurs="1" maxOccurs="1" />
<element name="geo" type="gml:PointPropertyType" minOccurs="1" maxOccurs="1" />
</sequence>
</extension>
</complexContent>
</complexType>
<complexType name="LoaiTramQuanTracType">
<simpleContent>
<restriction base="gml:CodeType">
<enumeration value="1" />
<enumeration value="2" />
<enumeration value="3" />
<enumeration value="4" />
</restriction>
</simpleContent>
</complexType>
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<element name="ThapNuocBeNuoc" type="nd110n:ThapNuocBeNuocType" substitutionGroup="nd110n:_NenDiaLy10N" />
<complexType name="ThapNuocBeNuocType">
  <complexContent>
    <extension base="nd110n:NenDiaLy10NType">
      <sequence>
        <element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
        <element name="geo" type="point" type="gml:PointPropertyType" minOccurs="1" maxOccurs="1" />
      </sequence>
    </extension>
  </complexContent>
</complexType>

<element name="TramDien" type="nd110n:TramDienType" substitutionGroup="nd110n:_NenDiaLy10N" />
<complexType name="TramDienType">
  <complexContent>
    <extension base="nd110n:NenDiaLy10NType">
      <sequence>
        <element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
        <element name="loaiViTriTramDien" type="nd110n:LoaiViTriTramDienType" minOccurs="1" maxOccurs="1" />
        <element name="geo" type="nd110n:LoaiMoTaKhongGianTramDienType" minOccurs="1" maxOccurs="1" />
      </sequence>
    </extension>
  </complexContent>
</complexType>
<complexType name="LoaiViTriTramDienType">
  <simpleContent>

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<restriction base="gml:CodeType">
  <enumeration value="1"/>
  <enumeration value="2"/>
</restriction>
</simpleContent>
</complexType>
<complexType name="LoaiMoTaKhongGianTramDienType">
  <sequence>
    <element name="point" type="gml:PointPropertyType" />
    <element name="surface" type="gml:SurfacePropertyType" />
  </sequence>
</complexType>
<element name="DuongDayTaiDien" type="ndl10n:DuongDayTaiDienType" substitutionGroup="ndl10n:_NenDiaLy10N" />
<complexType name="DuongDayTaiDienType">
  <complexContent>
    <extension base="ndl10n:_NenDiaLy10NType">
      <sequence>
        <element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
        <element name="dienAp" type="double" minOccurs="1" maxOccurs="1" />
        <element name="geo" type="gml:CurvePropertyType" minOccurs="1" maxOccurs="1" />
      </sequence>
    </extension>
  </complexContent>
</complexType>
<element name="DiemDanCu" type="ndl10n:DiemDanCuType" substitutionGroup="ndl10n:_NenDiaLy10N" />
<complexType name="DiemDanCuType">

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<complexContent>
  <extension base="nd110n:NenDiaLy10NType">
    <sequence>
      <element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
      <element name="ten" type="string" minOccurs="1" maxOccurs="1" />
      <element name="ten" type="string" minOccurs="1" maxOccurs="1" />
      <element name="loaiDiemDanCu" type="nd110n:LoaiDiemDanCuType" minOccurs="1" maxOccurs="1" />
      <element name="geo" type="gml:PointType" minOccurs="1" maxOccurs="1" />
    </sequence>
  </extension>
</complexContent>
</complexType>
<complexType name="LoaiDiemDanCuType">
  <simpleContent>
    <restriction base="gml:CodeType">
      <enumeration value="1" />
      <enumeration value="2" />
    </restriction>
  </simpleContent>
</complexType>

<element name="RanhGioiPhuBeMat" type="nd110n:RanhGioiPhuBeMatType" substitutionGroup="nd110n:_NenDiaLy10N" />
<complexType name="RanhGioiPhuBeMatType">
  <complexContent>
    <extension base="nd110n:NenDiaLy10NType">
      <sequence>

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<element name="maDoiTuong" type="string" minOccurs="1" maxOccurs="1" />
<element name="loaiRanhGioiPhuBeMat" type="nd110n:LoaiRanhGioiPhuBeMatType" minOccurs="1" maxOccurs="1" />
</sequence>
</extension>
</complexContent>
</complexType>
<complexType name="LoaiRanhGioiPhuBeMatType">
<complexContent>
<restriction base="gml:CodeType">
<enumeration value="1"/>
<enumeration value="2"/>
</restriction>
</complexContent>
</complexType>
<element name="PhuBeMat" type="nd110n:PhuBeMatType" substitutionGroup="nd110n:_NenDiaLy10N" />
<complexType name="PhuBeMatType">
<complexContent>
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<enumeration value="2"/>
<enumeration value="3"/>
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<enumeration value="7"/>
<enumeration value="8"/>
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<enumeration value="13"/>
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<enumeration value="20"/>
<enumeration value="21"/>
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</simpleContent>
</complexType>
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**VĂN PHÒNG CHÍNH PHỦ XUẤT BẢN**

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