PHẦN VĂN BẢN QUY PHẠM PHÁP LUẬT

BỘ TÀI NGUYÊN VÀ MÔI TRƯỜNG

Thông tư số 20/2014/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 1:50.000

Phụ lục số 5

LƯỢC ĐỒ GML ÁP DỤNG TRONG PHÂN PHỐI DỮ LIỆU NỀN ĐỊA LÝ TỶ LỆ 1:50.000

(Ban hành kèm theo Thông tư số 20/2014/TT-BTNMT ngày 24 tháng 4 năm 2014 của Bộ trưởng Bộ Tài nguyên và Môi trường)

(Tiếp theo Công báo số 541 + 542)

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  </complexContent>
</complexType>

<element name="IB06" type="ndl50n:IB06Type" substitutionGroup="ndl50n:_NenDialy50N" />
<complexType name="IB06Type">
  <complexContent>
    <extension base="ndl50n:NenDialy50NType">
      <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="IG01" type="ndl50n:IG01Type" substitutionGroup="ndl50n:_NenDialy50N" />
<complexType name="IG01Type">
  <complexContent>
    <extension base="ndl50n:NenDialy50NType">
      <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="KB02" type="ndl50n:KB02Type" substitutionGroup="ndl50n:_NenDialy50N" />
<complexType name="KB02Type">
  <complexContent>
    <extension base="ndl50n:NenDialy50NType">
      <sequence>
            <element name="MDT" 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>
```

1.4. Lược đồ GML đầy đủ

```
<?xml version="1.0" encoding="utf-8"?>
<schema xmlns:ndl50n="http://www.dosm.gov.vn/schemas/ndl50n"
    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="ndl50n http://www.dosm.gov.vn/schemas/nendl50n.xsd"
    targetNamespace="http://www.dosm.gov.vn/ndl50n"
    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 1:50.000
 </documentation>
</annotation>
<element name="NenDiaLy50NCollection" type="ndl50n:NenDiaLy50NCollectionType"
substitutionGroup="gml:_FeatureCollection"/>
<complexType name="NenDiaLy10NCollectionType">
 <complexContent>
  <extension base="gml:AbstractFeatureCollectionType" />
 </complexContent>
</complexType>

<!-- Đối tượng nền địa lý cơ sở  tỷ lệ 1:50.000-->
```

```
<element name="_NenDiaLy50N" type="ndl50n:NenDiaLy50NType" abstract="true" substitutionGroup="gml:_Feature"
/>
<complexType name="NenDiaLy50NType" 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="ndl50n:CoSoDoDacType" abstract="true"
substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="CoSoDoDacType" abstract="true">
 <complexContent>
  <extension base="ndl50n:NenDiaLy50NType">
   <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="ndl50n:DiemGocQuocGiaType" substitutionGroup="ndl50n:_CoSoDoDac"
/>
<complexType name="DiemGocQuocGiaType">
 <complexContent>
  <extension base="ndl50n:CoSoDoDacType">
   <sequence>
    <element name="maDoiTuong" type= "ndl50n: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="ndl50n:DiemCoSoQuocGiaType"
substitutionGroup="ndl50n:_CoSoDoDac" />
<complexType name="DiemCoSoQuocGiaType">
  <complexContent>
    <extension base="ndl50n:CoSoDoDacType">
      <sequence>
        <element name="maDoiTuong" type= "ndl50n:DoiTuongDiemCoSoQuocGiaType" minOccurs="1"
maxOccurs="1" />
        <element name="loaiCapHang" type="ndl50n:LoaiCapHangType" minOccurs="1" maxOccurs="1"/>
        <element name="loaiMoc" type="ndl50n: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>
  </simpleContent>
</complexType>

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

<element name="DuongBienGioi" type="ndl50n:DuongBienGioiType" substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="DuongBienGioiType">
  <complexContent>
    <extension base="ndl50n:NenDiaLy50NType">
```

```
      <sequence>
        <element name="maDoiTuong" "ndl50n:DoiTuongDuongBienGioiType" minOccurs="1"  maxOccurs="1" />
        <element name="loaiHienTrangPhapLy" type="ndl50n: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">
      <enumeration value="1"/>
      <enumeration value="2"/>
    </restriction>
```

```
  </simpleContent>
</complexType>

<element name="DiaPhan" type="ndl50n:DiaPhanType" substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="DiaPhanType">
  <complexContent>
    <extension base="ndl50n:NenDiaLy50NType">
      <sequence>
        <element name="maDoiTuong" type= "ndl50n:DoiTuongDiaPhanType" minOccurs="1"  maxOccurs="1" />
        <element name="maDonViHanhChinh" 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>
  </simpleContent>
</complexType>
```

```
<element name="DuongDiaGioi" type="ndl50n:DuongDiaGioiType" substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="DuongDiaGioiType">
 <complexContent>
  <extension base="ndl50n:NenDiaLy50NType">
   <sequence>
    <element name="maDoiTuong" type= "ndl50n:DoiTuongDuongDiaGioiType" minOccurs="1"  maxOccurs="1" />
    <element name="loaiHienTrangPhapLy" type="ndl50n: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>
</complexType>
```

```
<element name="DuongCoSoLanhHai" type="ndl50n:DuongCoSoLanhHaiType"
substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="DuongCoSoLanhHaiType">
  <complexContent>
    <extension base="ndl50n:NenDiaLy50NType">
      <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="ndl50n:DiemCoSoLanhHaiType"
substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="DiemCoSoLanhHaiType">
  <complexContent>
    <extension base="ndl50n:NenDiaLy50NType">
      <sequence>
        <element name="maDoiTuong" type= "string" minOccurs="1"  maxOccurs="1" />
        <element name="soHieuDiem" 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="ndl50n:VungBienType" substitutionGroup="ndl50n:_NenDiaLy50N" />
 <complexType name="VungBienType">
  <complexContent>
   <extension base="ndl50n:NenDiaLy50NType">
    <sequence>
     <element name="maDoiTuong" type= "ndl50n:DoiTuongVungBienType" 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="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="ndl50n:DiaDanhSonVanType" substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="DiaDanhSonVanType">
  <complexContent>
    <extension base="ndl50n:NenDiaLy50NType">
      <sequence>
        <element name="maDoiTuong" type= "string" 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="LoaiDanhTuChungType">
  <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>

<element name="DiemDoCao" type="ndl50n:DiemDoCaoType" substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="DiemDoCaoType">
  <complexContent>
    <extension base="ndl50n:NenDiaLy50NType">
      <sequence>
        <element name="maDoiTuong" type= "string" minOccurs="1"  maxOccurs="1" />
        <element name="doCaoH" type="double" minOccurs="1"  maxOccurs="1" />
        <element name="loaiDiemDoCao" type="ndl50n: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="ndl50n:DiemDoSauType" substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="DiemDoSauType">
 <complexContent>
  <extension base="ndl50n:NenDiaLy50NType">
   <sequence>
    <element name="maDoiTuong" type= "string" minOccurs="1"  maxOccurs="1" />
    <element name="doSau" type="double" minOccurs="1"  maxOccurs="1" />
    <element name="geo" type="gml:PointPropertyType" minOccurs="1"  maxOccurs="1"/>
   </sequence>
  </extension>
 </complexContent>
</complexType>

<element name="DuongBinhDo" type="ndl50n:DuongBinhDoType" substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="DuongBinhDoType">
 <complexContent>
  <extension base="ndl50n:NenDiaLy50NType">
   <sequence>
    <element name="maDoiTuong" type= "ndl50n:DuongBinhDoType" minOccurs="1"  maxOccurs="1" />
    <element name="loaiDuongBinhDo" type="ndl50n:LoaiDuongBinhDoType" minOccurs="1"  maxOccurs="1" />
    <element name="loaiKhongCaoDeu" type="ndl50n: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>
<complexType name="DoiTuongDuongBinhDoType">
        <simpleContent>
                <restriction base="gml:CodeType">
            <enumeration value="EA03"/>
            <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="ndl50n:DiaHinhDacBietType" substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="DiaHinhDacBietType">
  <complexContent>
    <extension base="ndl50n:NenDiaLy50NType">
      <sequence>
        <element name="maDoiTuong" type= "ndl50n: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="ndl50n: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="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"/>
      <enumeration value="EB14"/>
      <enumeration value="EB15"/>
      <enumeration value="EB17"/>
      <enumeration value="EB18"/>
      <enumeration value="EB20"/>
      <enumeration value="EB21"/>
    </restriction>
  </simpleContent>
</complexType>

<element name="Bien" type="ndl50n:BienType" substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="BienType">
  <complexContent>
    <extension base="ndl50n:NenDiaLy50NType">
      <sequence>
        <element name="maDoiTuong" type= "ndl50n:DoiTuongBienType" minOccurs="1"  maxOccurs="1" />
        <element name="ten" type="string" minOccurs="1"  maxOccurs="1" />
```

```
      <element name="geo" type="ndl50n:LoaiMoTaKhongGianBienDaoType" minOccurs="1"  maxOccurs="1"/>
     </sequence>
    </extension>
  </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="ndl50n:DaoType" substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="DaoType">
  <complexContent>
    <extension base="ndl50n:NenDiaLy50NType">
      <sequence>
        <element name="maDoiTuong" type= "string" minOccurs="1"  maxOccurs="1" />
```

```
      <element name="ten" type="string" minOccurs="1"  maxOccurs="1" />
      <element name="loaiTrangThaiXuatLo" type= "ndl50n:LoaiTrangThaiXuatLoType" minOccurs="1"
maxOccurs="1" />
      <element name="geo" type="ndl50n: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="BienDoiDongChay" type="ndl50n:BienDoiDongChayType"
substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="BienDoiDongChayType">
  <complexContent>
   <extension base="ndl50n:NenDiaLy50NType">
    <sequence>
     <element name="maDoiTuong" type= "ndl50n:DoiTuongBienDoiDongChayType" minOccurs="1"  maxOccurs="1"
/>
```

```
      <element name="ten" type="string" minOccurs="1"  maxOccurs="1" />
           <element name="chieuDai" type="double" minOccurs="1" maxOccurs="1"/>
           <element name="geo" type="ndl50n:LoaiMoTaKhongGianBienDoiDongChayType" minOccurs="1"
maxOccurs="1"/>
     </sequence>
   </extension>
  </complexContent>
</complexType>

<complexType name="DoiTuongBienDoiDongChayType">
  <simpleContent>
    <restriction base="gml:CodeType">
      <enumeration value="LD02"/>
      <enumeration value="LD03"/>
    </restriction>
  </simpleContent>
</complexType>
<complexType name="LoaiMoTaKhongGianBienDoiDongChayType">
  <sequence>
    <element name="point" type="gml:PointPropertyType" />
    <element name="curve" type="gml:CurvePropertyType" />
    </sequence>
</complexType>

<element name="BaiBoi" type="ndl50n:BaiBoiType" substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="BaiBoiType">
```

```
  <complexContent>
    <extension base="ndl50n:NenDiaLy50NType">
      <sequence>
        <element name="maDoiTuong" type= "string" minOccurs="1"  maxOccurs="1" />
            <element name="ten" type="string" minOccurs="0"  maxOccurs="1" />
        <element name="loaiBaiBoi" type="ndl50n:LoaiBaiBoiType" minOccurs="1"  maxOccurs="1" />
        <element name="geo" type="ndl50n:LoaiMoTaKhongGianBaiBoiType" minOccurs="1"  maxOccurs="1"/>
      </sequence>
    </extension>
  </complexContent>
</complexType>
<complexType name=" loaiBaiBoiType">
  <simpleContent>
    <restriction base="gml:CodeType">
      <enumeration value="1"/>
      <enumeration value="2"/>
      <enumeration value="3"/>
      <enumeration value="4"/>
    </restriction>
  </simpleContent>
</complexType>

<element name="NguonNuoc" type="ndl50n:NguonNuocType" substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="NguonNuocType">
  <complexContent>
    <extension base="ndl50n:NenDiaLy50NType">
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      <sequence>
        <element name="maDoiTuong" type= "ndl50n:DoiTuongNguonNuocType" minOccurs="1" maxOccurs="1" />
        <element name="loaiNguonNuoc" type="ndl50n:LoaiNguonNuocType" minOccurs="1" maxOccurs="1" />
        <element name="ten" type="string" minOccurs="0" maxOccurs="1" />
        <element name="geo" type="ndl50n:LoaiMoTaKhongGianNguonNuocType" 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>
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<complexType name="LoaiMoTaKhongGianNguonNuocType">
  <sequence>
    <element name="point" type="gml:PointPropertyType" />
   </sequence>
</complexType>
<element name="_NuocMat" type="ndl50n:NuocMatType" abstract="true" substitutionGroup="ndl50n:_NenDiaLy50N"
/>
<complexType name="NuocMatType" abstract="true">
  <complexContent>
    <extension base="ndl50n:NenDiaLy50NType">
    </extension>
  </complexContent>
</complexType>

<element name="MatNuocTinh" type="ndl50n:MatNuocTinhType" substitutionGroup="ndl50n:_NuocMat" />
<complexType name="MatNuocTinhType">
  <complexContent>
    <extension base="ndl50n:NuocMatType">
      <sequence>
        <element name="maDoiTuong" type= "ndl50n:DoiTuongNuocMatTinhType" minOccurs="1"  maxOccurs="1" />
        <element name="ten" type="ndl50n:DoiTuongNuocMatTinhType" minOccurs="1"  maxOccurs="1" />
        <element name="geo" type="gml:SurfacePropertyType" minOccurs="1"  maxOccurs="1"/>
      </sequence>
    </extension>
  </complexContent>
</complexType>
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<complexType name="DoiTuongNuocMatTinhType">
  <simpleContent>
    <restriction base="gml:CodeType">
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      <enumeration value="LB02"/>
      <enumeration value="LB03"/>
    </restriction>
  </simpleContent>
</complexType>

<element name="SongSuoi" type="ndl50n:SongSuoiType" substitutionGroup="ndl50n:_NuocMat" />
<complexType name="SongSuoiType">
  <complexContent>
    <extension base="ndl50n:NuocMatType">
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        <element name="maDoiTuong" type= "string" minOccurs="1"  maxOccurs="1" />
        <element name="loaiTrangThaiNuocMat" type="ndl50n:LoaiTrangThaiNuocMatType" minOccurs="1"
maxOccurs="1"/>
        <element name="ten" type="string" minOccurs="1"  maxOccurs="1" />
        <element name="geo" type="ndl50n:LoaiMoTaKhongGianDongChayMatType" minOccurs="1"  maxOccurs="1"/>
      </sequence>
    </extension>
  </complexContent>
</complexType>
<complexType name="LoaiTrangThaiNuocMatType">
  <simpleContent>
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    <restriction base="gml:CodeType">
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    </restriction>
  </simpleContent>
</complexType>
<complexType name="LoaiMoTaKhongGianDongChayMatType">
  <sequence>
    <element name="curve" type="gml:CurvePropertyType" />
    <element name="surface" type="gml:SurfacePropertyType" />
  </sequence>
</complexType>

<element name="KenhMuong" type="ndl50n:KenhMuongType" substitutionGroup="ndl50n:_NuocMat" />

<complexType name="KenhMuongType">
  <complexContent>
    <extension base="ndl50n:NuocMatType">
      <sequence>
        <element name="maDoiTuong" type= "string" minOccurs="1"  maxOccurs="1" />
        <element name="ten" type="string" minOccurs="1"  maxOccurs="1" />
        <element name="geo" type="ndl50n:LoaiMoTaKhongGianDongChayMatType" minOccurs="1"  maxOccurs="1"/>
      </sequence>
    </extension>
  </complexContent>
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</complexType>
<complexType name="LoaiMoTaKhongGianDongChayMatType">
  <sequence>
    <element name="curve" type="gml:CurvePropertyType" />
    <element name="surface" type="gml:SurfacePropertyType" />
  </sequence>
</complexType>

<element name="_RanhGioiNuocMat" type="ndl50n:RanhGioiNuocMatType" abstract="true"
substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="RanhGioiNuocMatType" abstract="true">
  <complexContent>
    <extension base="ndl50n:NenDiaLy50NType">
      <sequence>
            <element name="geo" type="gml:CurvePropertyType" minOccurs="1"  maxOccurs="1"/>
      </sequence>
    </extension>
  </complexContent>
</complexType>

<element name="DuongBoNuoc" type="ndl50n:DuongBoNuocType" substitutionGroup="ndl50n:_RanhGioiNuocMat"
/>
<complexType name="DuongBoNuocType">
  <complexContent>
    <extension base="ndl50n:RanhGioiNuocMatType">
      <sequence>
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      <element name="maDoiTuong" type= "string" minOccurs="1"  maxOccurs="1" />
        <element name="loaiTrangThaiDuongBoNuoc" type="ndl50n:LoaiTrangThaiDuongBoNuocType" minOccurs="1"
maxOccurs="1" />
         <element name="loaiRanhGioiNuocMat" type="ndl50n:LoaiRanhGioiNuocMatType" minOccurs="1"
maxOccurs="1" />
          </sequence>
   </extension>
  </complexContent>
</complexType>
<complexType name="LoaiTrangThaiDuongBoNuocType">
  <simpleContent>
    <restriction base="gml:CodeType">
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    </restriction>
  </simpleContent>
</complexType>
<complexType name="LoaiRanhGioiNuocMatType">
  <simpleContent>
    <restriction base="gml:CodeType">
      <enumeration value="1"/>
      <enumeration value="2"/>
      <enumeration value="3"/>
      <enumeration value="4"/>
      <enumeration value="5"/>
      <enumeration value="6"/>
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    </restriction>
  </simpleContent>
</complexType>

<element name="DuongMepNuoc" type="ndl50n:DuongMepNuocType"
substitutionGroup="ndl50n:_RanhGioiNuocMat" />
<complexType name="DuongMepNuocType">
  <complexContent>
    <extension base="ndl50n:RanhGioiNuocMatType">
      <sequence>
        <element name="maDoiTuong" type= "string" minOccurs="1"  maxOccurs="1" />
        <element name="loaiRanhGioiNuocMat" type="ndl10n:LoaiRanhGioiNuocMatType" minOccurs="1"
maxOccurs="1" />
      </sequence>
    </extension>
  </complexContent>
</complexType>
<complexType name="LoaiRanhGioiNuocMatType">
  <simpleContent>
    <restriction base="gml:CodeType">
      <enumeration value="1"/>
      <enumeration value="2"/>
    </restriction>
  </simpleContent>
</complexType>
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<element name="RanhGioiNuocMatQuyUoc" type="ndl50n:RanhGioiNuocMatQuyUocType"
substitutionGroup="ndl50n:_RanhGioiNuocMat" />
<complexType name="RanhGioiNuocMatQuyUocType">
 <complexContent>
  <extension base="ndl50n:RanhGioiNuocMatType">
   <sequence>
    <element name="maDoiTuong" type= "string" minOccurs="1"  maxOccurs="1" />
    <element name="loaiRanhGioiNuocMatQuyUoc" type="ndl50n:LoaiRanhGioiNuocMatQuyUocType"
minOccurs="1"  maxOccurs="1" />
          <element name="ten" type= "string" minOccurs="0"  maxOccurs="1" />
   </sequence>
  </extension>
 </complexContent>
</complexType>
<complexType name="LoaiRanhGioiNuocMatQuyUocType">
 <simpleContent>
  <restriction base="gml:CodeType">
   <enumeration value="1"/>
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  </restriction>
 </simpleContent>
</complexType>

<element name="De" type="ndl50n:DeType" substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="DeType">
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    <extension base="ndl50n:NenDiaLy50NType">
      <sequence>
        <element name="maDoiTuong" type= "string" minOccurs="1"  maxOccurs="1" />
        <element name="ten" type= "string" minOccurs="1"  maxOccurs="1" />
        <element name="dungLamGiaoThong" type= "boolean" minOccurs="1"  maxOccurs="1" />
        <element name="geo" type="gml:CurvePropertyType"  minOccurs="1"  maxOccurs="1"/>
      </sequence>
    </extension>
  </complexContent>
</complexType>

<element name="Dap" type="ndl50n:DapType" substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="DapType">
  <complexContent>
    <extension base="ndl50n:NenDiaLy50NType">
      <sequence>
        <element name="maDoiTuong" type= "string" minOccurs="1"  maxOccurs="1" />
        <element name="ten" type= "string" minOccurs="1"  maxOccurs="1" />
        <element name="loaiDap" type= "ndl50n:LoaiDapType" minOccurs="1"  maxOccurs="1" />
        <element name="dungLamGiaoThong" type= "boolean" minOccurs="1"  maxOccurs="1" />
        <element name="geo" type="gml:CurvePropertyType" minOccurs="1"  maxOccurs="1"/>
      </sequence>
    </extension>
  </complexContent>
</complexType>
<complexType name="LoaiDapType">
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  <simpleContent>
   <restriction base="gml:CodeType">
    <enumeration value="1"/>
    <enumeration value="2"/>
    <enumeration value="3"/>
   </restriction>
  </simpleContent>
</complexType>

<element name="BoKeBoCap" type="ndl50n:BoKeBoCapType" substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="BoKeBoCapType">
 <complexContent>
  <extension base="ndl50n:NenDiaLy50NType">
   <sequence>
    <element name="maDoiTuong" type= "string" minOccurs="1"  maxOccurs="1" />
    <element name="geo" type="gml:CurvePropertyType" minOccurs="1"  maxOccurs="1"/>
   </sequence>
  </extension>
 </complexContent>
</complexType>

<element name="CongThuyLoi" type="ndl50n:CongThuyLoiType" substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="CongThuyLoiType">
 <complexContent>
  <extension base="ndl50n:NenDiaLy50NType">
   <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="geo" type="ndl50n:LoaiMoTaKhongGianCongType" minOccurs="1"  maxOccurs="1"/>
     </sequence>
    </extension>
  </complexContent>
</complexType>
<complexType name="LoaiMoTaKhongGianCongType">
  <sequence>
    <element name="point" type="gml:PointPropertyType" />
    <element name="curve" type="gml:CurvePropertyType" />
    </sequence>
</complexType>

<element name="TaLuyCongTrinhThuyLoi" type="ndl50n:TaLuyCongTrinhThuyLoiType"
substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="TaLuyCongTrinhThuyLoiType">
  <complexContent>
    <extension base="ndl50n:NenDiaLy50NType">
      <sequence>
        <element name="maDoiTuong" type= "string" minOccurs="1"  maxOccurs="1" />
        <element name="loaiTaLuy" type= "ndl50n:LoaiTaLuyType" minOccurs="1"  maxOccurs="1" />
        <element name="loaiHinhThaiTaLuy" type= "ndl50n:LoaiHinhThaiTaLuyType" 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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    </extension>
  </complexContent>
</complexType>
<complexType name="LoaiTaLuyType">
  <simpleContent>
    <restriction base="gml:CodeType">
      <enumeration value="1"/>
      <enumeration value="2"/>
      <enumeration value="3"/>
      <enumeration value="4"/>
      </restriction>
  </simpleContent>
</complexType>
<complexType name="LoaiHinhThaiTaLuyType">
  <simpleContent>
    <restriction base="gml:CodeType">
      <enumeration value="1"/>
      <enumeration value="2"/>
    </restriction>
  </simpleContent>
</complexType>

<element name="TramBom" type="ndl50n:TramBomType" substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="TramBomType">
  <complexContent>
    <extension base="ndl50n:NenDiaLy50NType">
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      <sequence>
        <element name="maDoiTuong" type= "string" 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>

<element name="DamLay" type="ndl50n:DamLayType" substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="DamLayType">
  <complexContent>
    <extension base="ndl50n:NenDiaLy50NType">
      <sequence>
        <element name="maDoiTuong" type= "string" minOccurs="1"  maxOccurs="1" />
        <element name="ten" type= "string" minOccurs="0"  maxOccurs="1" />
        <element name="geo" type="gml:SurfacePropertyType" minOccurs="1"  maxOccurs="1"/>
      </sequence>
    </extension>
  </complexContent>
</complexType>

<element name="BaoHieuGiaoThong" type="ndl50n:BaoHieuGiaoThong" substitutionGroup="ndl50n:_NenDiaLy50N"
/>
<complexType name="BaoHieuGiaothongType">
  <complexContent>
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    <extension base="ndl50n:NenDiaLy50NType">
      <sequence>
        <element name="maDoiTuong" type= "string" 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>

<element name="BenBai" type="ndl50n:BenBaiType" substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="BenBaiType">
  <complexContent>
    <extension base="ndl50n:NenDiaLy50NType">
      <sequence>
        <element name="maDoiTuong" type= "string" 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="DoiTuongBenBaiType">
  <simpleContent>
    <restriction base="gml:CodeType">
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      <enumeration value="HA02"/>
      <enumeration value="HA03"/>
      <enumeration value="HB02"/>
      <enumeration value="HC02"/>
      <enumeration value="HC03"/>
      <enumeration value="HC04"/>
      <enumeration value="HD01"/>
    </restriction>
  </simpleContent>
</complexType>

<element name="CauGiaoThong" type="ndl50n:CauGiaoThongType" substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="CauGiaoThongType">
  <complexContent>
    <extension base="ndl50n:NenDiaLy50NType">
      <sequence>
        <element name="maDoiTuong" type= "string" minOccurs="1"  maxOccurs="1" />

        <element name="ten" type= "string" minOccurs="1"  maxOccurs="1" />
        <element name="loaiCauGiaoThong" type= "ndl50n:LoaiCauGiaoThongType" minOccurs="1"  maxOccurs="1" />
        <element name="loaiChucNangCau" type= "ndl50n: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="ndl50n:LoaiMoTaKhongGianCauHamType" minOccurs="1"  maxOccurs="1"/>
      </sequence>
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    </extension>
  </complexContent>
</complexType>

<complexType name="LoaiCauGiaoThongType">
  <simpleContent>
    <restriction base="gml:CodeType">
      <enumeration value="1"/>
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      <enumeration value="3"/>
      <enumeration value="4"/>
      <enumeration value="5"/>
      <enumeration value="6"/>
     </restriction>
  </simpleContent>
</complexType>
<complexType name="LoaiChucNangCauType">
  <simpleContent>
    <restriction base="gml:CodeType">
      <enumeration value="1"/>
          <enumeration value="2"/>
      <enumeration value="3"/>
      <enumeration value="4"/>
     </restriction>
  </simpleContent>
</complexType>
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<complexType name="LoaiMoTaKhongGianCauHamType">
 <sequence>
  <element name="curve" type="gml:CurvePropertyType" />
  <element name="point" type="gml:Point PropertyType" />
 </sequence>
</complexType>

<element name="CongGiaoThong" type="ndl50n:CongGiaoThongType" substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="CongGiaoThongType">
 <complexContent>
  <extension base="ndl50n:NenDiaLy50NType">
   <sequence>
    <element name="maDoiTuong" type= "string" minOccurs="1"  maxOccurs="1" />
    <element name="ten" type= "string" minOccurs="0"  maxOccurs="1" />
    <element name="loaiCongGiaoThong" type= "ndl50n: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"/>
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    </restriction>
  </simpleContent>
</complexType>

<element name="Deo" type="ndl50n:DeoType" substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="DeoType">
  <complexContent>
    <extension base="ndl50n:NenDiaLy50NType">
      <sequence>
        <element name="maDoiTuong" type= "string" minOccurs="1"  maxOccurs="1" />

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

<element name="DoanTimDuongBo" type="ndl50n:DoanTimDuongBoType"
substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="DoanTimDuongBoType">
  <complexContent>
    <extension base="ndl50n:NenDiaLy50NType">
      <sequence>
        <element name="maDoiTuong" type= "string" minOccurs="1"  maxOccurs="1" />
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      <element name="loaiChatLieuTraimatDuongBo" type= "ndl50n:LoaiDuongBoType" minOccurs="1"
maxOccurs="1" />
          <element name="loaiHienTrangSuDungDuongBo" type= "ndl50n:LoaiHienTrangSuDungDuongBoType"
minOccurs="1"  maxOccurs="1" />

      <element name="loaiKetCau" type= "ndl50n:LoaiKetCauType" minOccurs="1"  maxOccurs="1" />
      <element name="loaiChatLieuTraiMat" type= "ndl50n:LoaiChatLieuTraiMatType" 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="3"/>
      <enumeration value="4"/>
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      <enumeration value="6"/>
      <enumeration value="7"/>
      <enumeration value="8"/>
      <enumeration value="9"/>
    </restriction>
  </simpleContent>
</complexType>
<complexType name="LoaiChatLieuTraiMatType">
  <simpleContent>
    <restriction base="gml:CodeType">
      <enumeration value="-1"/>
      <enumeration value="1"/>
      <enumeration value="2"/>
      <enumeration value="3"/>
      <enumeration value="4"/>
      <enumeration value="5"/>
    </restriction>
  </simpleContent>
</complexType>
<complexType name="LoaiHientrangSuDungType">
  <simpleContent>
    <restriction base="gml:CodeType">
      <enumeration value="1"/>
      <enumeration value="2"/>
     </restriction>
  </simpleContent>
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</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"/>
  </restriction>
 </simpleContent>
</complexType>

<element name="DoanVuotSongSuoi" type="ndl50n:DoanVuotSongSuoiType"
substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="DoanVuotSongSuoiType">
 <complexContent>
  <extension base="ndl50n:NenDiaLy50NType">
   <sequence>
    <element name="maDoiTuong" type= "ndl50n:DoiTuongDoanVuotSongSuoiType" minOccurs="1" maxOccurs="1"
/>
    <element name="ten" type= "string" minOccurs="0" maxOccurs="1" />
    <element name="geo" type="gml:CurvePropertyType" minOccurs="1" maxOccurs="1"/>
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      </sequence>
    </extension>
  </complexContent>
</complexType>
<complexType name="DoiTuongDoanVuotSongSuoiType">
  <simpleContent>
    <restriction base="gml:CodeType">
      <enumeration value="HA16"/>
      <enumeration value="HA18"/>
      <enumeration value="HA19"/>
    </restriction>
  </simpleContent>
</complexType>

<element name="DuongCaoTreo" type="ndl50n:DuongCaoTreoType" substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="DuongCaoTreoType">
  <complexContent>
    <extension base="ndl50n:NenDiaLy50NType">
      <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="1"  maxOccurs="1" />
        <element name="geo" type="gml:CurvePropertyType" minOccurs="1"  maxOccurs="1"/>
      </sequence>
    </extension>
  </complexContent>
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</complexType>

<element name="DuongNoiBo" type="ndl50n:DuongNoiBoType" substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="DuongNoiBoType">
 <complexContent>
  <extension base="ndl50n:NenDiaLy50NType">
   <sequence>
    <element name="maDoiTuong" type= "string" minOccurs="1"  maxOccurs="1" />
        <element name="loaiChatLieuTraimat" type= "ndl50n:LoaiDuongBoType" minOccurs="1"  maxOccurs="1" />

    <element name="geo" type="ndl50n:LoaiMoTaKhongGianDuongNoiBoType" minOccurs="1"  maxOccurs="1"/>
   </sequence>
  </extension>
 </complexContent>
</complexType>
<complexType name="LoaiMoTaKhongGianDuongNoiBoType">
 <sequence>
  <element name="curve" type="gml:CurvePropertyType" />
  <element name="surface" type="gml:SurfacePropertyType" />
 </sequence>
</complexType>
<element name="TaLuyGiaoThong" type="ndl50n:TaLuyGiaoThongType" substitutionGroup="ndl50n:_NenDiaLy50N"
/>
<complexType name="TaLuyGiaoThongType">
 <complexContent>
  <extension base="ndl50n:NenDiaLy50NType">
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      <sequence>
        <element name="maDoiTuong" type= "string" minOccurs="1"  maxOccurs="1" />
        <element name="loaiHinhThaiTaLuy" type= "ndl50n:LoaiHinhThaiTaLuyType" minOccurs="1"  maxOccurs="1" />
        <element name="loaiThanhPhanTaLuy" type= "ndl50n: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>

<element name="NutDuongSat" type="ndl50n:NutDuongSatType" substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="NutDuongSatType">
  <complexContent>
    <extension base="ndl50n:NenDiaLy50NType">
      <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="ndl50n:DoanDuongSatType" substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="DoanDuongSatType">
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  <complexContent>
    <extension base="ndl50n:NenDiaLy50NType">
      <sequence>
        <element name="maDoiTuong" type= "string" minOccurs="1"  maxOccurs="1" />
        <element name="ten" type= "string" minOccurs="0"  maxOccurs="1" />
        <element name="loaiChucNangDuongSat" type= "ndl50n:LoaiChucNangDuongSatType" minOccurs="1"
maxOccurs="1" />
        <element name="loaiKetCauDuongSat" type= "ndl50n:LoaiKetCauDuongSatType" minOccurs="1"
maxOccurs="1" />
        <element name="geo" type="gml:CurvePropertyType" minOccurs="1"  maxOccurs="1"/>
      </sequence>
    </extension>
  </complexContent>
</complexType>
<complexType name="LoaiChucNangDuongSatType">
  <simpleContent>
    <restriction base="gml:CodeType">
      <enumeration value="1"/>
      <enumeration value="2"/>
      <enumeration value="3"/>
    </restriction>
  </simpleContent>
</complexType>
<complexType name="LoaiKetCauDuongSatType">
  <simpleContent>
    <restriction base="gml:CodeType">
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      <enumeration value="1"/>
      <enumeration value="2"/>
      <enumeration value="3"/>
      <enumeration value="4"/>
    </restriction>
  </simpleContent>
</complexType>

<element name="MatDuongBo" type="ndl50n:MatDuongBoType" substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="MatDuongBoType">
  <complexContent>
    <extension base="ndl50n:NenDiaLy50NType">
      <sequence>
        <element name="maDoiTuong" type= "ndl50n: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"/>
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        <enumeration value="HA22"/>
      <enumeration value="HA23"/>
    </restriction>
  </simpleContent>
</complexType>

<element name="RanhGioiDuongBo" type="ndl50n:RanhGioiDuongBoType"
substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="RanhGioiDuongBoType">
  <complexContent>
    <extension base="ndl50n:NenDiaLy50NType">
      <sequence>
    <element name="maDoiTuong" type= "ndl50n: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>
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</complexType>

<element name="NutMangDuongBo" type="ndl50n:NutMangDuongBoType"
substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="NutMangDuongBoType">
 <complexContent>
  <extension base="ndl50n:NenDiaLy50NType">
   <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="DiemDanCu" type="ndl50n:DiaDanhDanCuType" substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="DiemDanCuType">
 <complexContent>
  <extension base="ndl50n:NenDiaLy50NType">
   <sequence>
    <element name="maDoiTuong" type= "string" minOccurs="1"  maxOccurs="1" />
    <element name="loaiDiemDanCu" type= "ndl50n:LoaiDiemDanCuType" 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>
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  </complexContent>
</complexType>
<complexType name="LoaiDiemDanCuType">
  <simpleContent>
    <restriction base="gml:CodeType">
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    </restriction>
  </simpleContent>
</complexType>

<element name="TramDien" type="ndl50n:TramDienType" substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="TramDienType">
  <complexContent>
    <extension base="ndl50n:NenDiaLy50NType">
      <sequence>
        <element name="maDoiTuong" type= "string" minOccurs="1"  maxOccurs="1" />
        <element name="geo" type="ndl50n:LoaiMoTaKhongGianTramDienType" minOccurs="1"  maxOccurs="1"/>
      </sequence>
    </extension>
  </complexContent>
</complexType>
<complexType name="LoaiMoTaKhongGianTramDienType">
  <sequence>
    <element name="point" type="gml:PointPropertyType" />
    <element name="surface" type="gml:SurfacePropertyType" />
```

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  </sequence>
</complexType>

<element name="DiemChuyenTiep" type="ndl50n: DiemChuyenTieptype" substitutionGroup="ndl50n:_NenDiaLy50N"
/>
<complexType name=" DiemChuyenTiepType">
  <complexContent>
    <extension base="ndl50n:NenDiaLy50NType">
    </sequence>
    <element name="point" type="gml:PointPropertyType" />
    </sequence>
</complexType>

<element name="DuongDayTaiDien" type="ndl50n:DuongDayTaiDienType"
substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="DuongDayTaiDienType">
  <complexContent>
    <extension base="ndl50n:NenDiaLy50NType">
      <sequence>
        <element name="maDoiTuong" type= "string" minOccurs="1"  maxOccurs="1" />
        <element name="ten" type= "string" minOccurs="0"  maxOccurs="1" />
        <element name="dienAp" type= "double" minOccurs="1"  maxOccurs="1" />
        <element name="geo" type="gml:CurvePropertyType" minOccurs="1"  maxOccurs="1"/>
      </sequence>
    </extension>
  </complexContent>
```

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</complexType>


<element name="TramThuPhatSong" type="ndl50n:TramThuPhatSongType"
substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="TramThuPhatSongType">
  <complexContent>
    <extension base="ndl50n:NenDiaLy50NType">
      <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="TramQuanTrac" type="ndl50n:TramQuanTracType" substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="TramQuanTracType">
  <complexContent>
    <extension base="ndl50n:NenDiaLy50NType">
      <sequence>
        <element name="maDoiTuong" type= "string" minOccurs="1"  maxOccurs="1" />
        <element name="loaiTramQuanTrac" type= "ndl50n:LoaiTramQuanTracType" minOccurs="1"  maxOccurs="1" />
        <element name="geo" type="gml:PointPropertyType" minOccurs="1"  maxOccurs="1"/>
      </sequence>
    </extension>
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  </complexContent>
</complexType>
<complexType name="LoaiTramQuanTracType">
  <simpleContent>
    <restriction base="gml:CodeType">
      <enumeration value="1"/>
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      <enumeration value="4"/>
    </restriction>
  </simpleContent>
</complexType>

<element name="CongTrinhKienTrucDacBiet" type="ndl50n:CongTrinhKienTrucDacBietType"
substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="CongTrinhKienTrucDacBietType">
  <complexContent>
    <extension base="ndl50n:NenDiaLy50NType">
      <sequence>
        <element name="maDoiTuong" type= "ndl50n: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>
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<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="RanhGioiKhuChucNang" type="ndl50n:RanhGioiKhuChucNangType"
substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="RanhGioiKhuChucNangType">
  <complexContent>
    <extension base="ndl50n:NenDiaLy50NType">
      <sequence>
        <element name="maDoiTuong" type= "string" minOccurs="1"  maxOccurs="1" />
        <element name="loaiDoiTuongNhanDang" type= "ndl50n:LoaiDoiTuongNhanDangType" minOccurs="1"
maxOccurs="1" />
        <element name="geo" type="gml:CurvePropertyType" minOccurs="1"  maxOccurs="1"/>
      </sequence>
    </extension>
  </complexContent>
</complexType>
<complexType name="LoaiDoiTuongNhanDangType">
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  <simpleContent>
    <restriction base="gml:CodeType">
      <enumeration value="1"/>
      <enumeration value="2"/>
      <enumeration value="3"/>
          <enumeration value="4"/>
    </restriction>
  </simpleContent>
</complexType>

<element name="KhuChucNang" type="ndl50n:KhuChucNangType" substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="KhuChucNangType">
  <complexContent>
    <extension base="ndl50n:NenDiaLy50NType">
      <sequence>
        <element name="maDoiTuong" type= "ndl50n: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="ndl50n:LoaiMoTaKhongGianKhuChucNangType" minOccurs="1"  maxOccurs="1"/>
      </sequence>
    </extension>
  </complexContent>
</complexType>
<complexType name="DoiTuongKhuChucNangType">
  <simpleContent>
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<restriction base="gml:CodeType">
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      <enumeration value="BD03"/>
      <enumeration value="BD04"/>
      <enumeration value="BE02"/>
      <enumeration value="BE03"/>
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     <enumeration value="BG10"/>
      <enumeration value="BG11"/>
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     <enumeration value="BH03"/>
     <enumeration value="BI02"/>
     <enumeration value="BI03"/>
```

```
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<enumeration value="BK03"/>
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<enumeration value="BL03"/>
<enumeration value="BL04"/>
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<enumeration value="BP02"/>
<enumeration value="BP03"/>
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        <enumeration value="BO03"/>
        <enumeration value="BO04"/>
        <enumeration value="BO05"/>
        <enumeration value="BQ04"/>
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        <enumeration value="BQ09"/>
        <enumeration value="BQ10"/>
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        <enumeration value="BT01"/>
        <enumeration value="BT02"/>
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        <enumeration value="BR03"/>
        <enumeration value="BR04"/>
        <enumeration value="BR05"/>
        <enumeration value="BS01"/>
        <enumeration value="BS02"/>
        <enumeration value="BV02"/>
        <enumeration value="BV03"/>
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        <enumeration value="BV05"/>
        <enumeration value="HI01"/>
    </restriction>
  </simpleContent>
</complexType>
<complexType name="LoaiMoTaKhongGianKhuChucNangType">
  <sequence>
```

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

<element name="Nha" type="ndl50n:NhaType" substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="NhaType">
  <complexContent>
    <extension base="ndl50n:NenDiaLy50NType">
      <sequence>
        <element name="maDoiTuong" type= "ndl50n:DoiTuongNhaType" minOccurs="1"  maxOccurs="1" />
        <element name="ten" type= "string" minOccurs="0"  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="CB03"/>
    </restriction>
  </simpleContent>
</complexType>
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<element name="RanhGioiPhuBeMat" type="ndl50n:RanhGioiPhuBeMatType"
substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="RanhGioiPhuBeMatType">
  <complexContent>
    <extension base="ndl50n:NenDiaLy50NType">
      <sequence>
        <element name="maDoiTuong" type= "string" minOccurs="1"  maxOccurs="1" />
        <element name="loaiRanhGioiPhuBeMat" type= "ndl50n:LoaiRanhGioiPhuBeMatType" minOccurs="1"
maxOccurs="1" />
        <element name="geo" type="gml:CurvePropertyType" minOccurs="1"  maxOccurs="1"/>
      </sequence>
    </extension>
  </complexContent>
</complexType>
<complexType name="LoaiRanhGioiPhuBeMatType">
  <simpleContent>
    <restriction base="gml:CodeType">
      <enumeration value="1"/>
      <enumeration value="2"/>
    </restriction>
  </simpleContent>
</complexType>

<element name="PhuBeMat" type="ndl50n:PhuBeMatType" substitutionGroup="ndl50n:_NenDiaLy50N" />
<complexType name="PhuBeMatType">
  <complexContent>
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    <extension base="ndl50n:NenDiaLy50NType">
     <sequence>
      <element name="maDoiTuong" type= "ndl50n:DoiTuongPhuBeMatType" minOccurs="1"  maxOccurs="1" />
      <element name="ten" type= "string" minOccurs="0"  maxOccurs="1" />
      <element name="loaiPhuBeMat" type= "ndl50n:LoaiPhuBeMatType" minOccurs="1"  maxOccurs="1" />
      <element name="geo" type="gml:SurfacePropertyType" minOccurs="1"  maxOccurs="1"/>
     </sequence>
    </extension>
  </complexContent>
</complexType>
<complexType name="DoiTuongPhuBeMatType">
  <simpleContent>
    <restriction base="gml:CodeType">
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      <enumeration value="IB02"/>
      <enumeration value="IB03"/>
      <enumeration value="IB04"/>
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    </restriction>
  </simpleContent>
</complexType>
<complexType name="LoaiPhuBeMatType">
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  <simpleContent>
    <restriction base="gml:CodeType">
      <enumeration value="1"/>
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      <enumeration value="17"/>
      <enumeration value="18"/>
      <enumeration value="19"/>
      <enumeration value="20"/>
      <enumeration value="21"/>
    </restriction>
  </simpleContent>
</complexType>
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VĂN PHÒNG CHÍNH PHỦ XUẤT BẢN

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Giá: 10.000 đồng