



Map Symbols

- Cities
- Diapiric structure trends
- Triassic and Jurassic dikes and sills
- Areas of abundant diapiric structures

Special Submarine Line Features

- Axis of sediment drift
- Axis of submarine canyon, sea valley, or channel - Location accurate
- Axis of submarine canyon, sea valley, or channel - Location approximate
- Slump scar or growth fault - Location accurate

Geologic Overprints

- Continental deposits
- Melange
- Metamorphic rocks
- Offshore deposits

Impact Structures

- Impact structures > 10 km in diameter

Glaciation Extents

- Limit of pre-Wisconsin glaciation
- Limit of Wisconsin glaciation

Geologic Contact

- Location accurate
- Location approximate
- Location concealed

Faults

- Normal fault - Location accurate
- Strike-slip fault - Location accurate
- Thrust fault - Location accurate
- Unclassified fault - Location accurate
- Unclassified fault - Location approximate
- Unclassified fault - Location concealed

Seafloor units are indicated by asterisks (*). Asterisks are not used in labels on the map.

Lithologies are indicated by suffixes as follows

- Volcanic Rocks**
- v, undivided volcanic rocks
 - vm, mafic rocks
 - vf, felsic rocks
 - sv, interlayered sedimentary and volcanic rocks
- Plutonic Rocks**
- g, undivided granitic rocks
 - a, anorthosite
 - m, mafic rocks
 - y, seyenite, monzogranite
 - u, ultramafic rocks
 - k, alkaline complex
 - c, charnockite

- Metamorphic and Undivided Crystalline Rock**
- x, undivided crystalline rocks (seafloor units may include variably metamorphosed volcanic, plutonic and dedimentary rocks)
 - n, undivided gneissic rocks
 - gn, orthogneiss
 - mb, marble
 - sn, paragneiss

Source: Reference 2.5.1-73

PSEG Power, LLC

PSEG Site ESPA
Part 2, Site Safety Analysis Report

Site Region Geologic Map
Explanation
FIGURE 2.5.1-2b

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