



EXPLANATION

Mineral or mineral-water occurrence or prospect

Two or more mineral or mineral-water occurrences

Mine, quarry, surface working, or salt well

A group of mines, quarries, surface workings, or salt wells. This symbol is also used where a mine and a mineral occurrence occur in an area represented by one symbol

- As Asbestos
- Ar Arsenic
- Ad Adrenic
- Ba Barite
- Br Beryl
- Di Diatomite
- Em Emerald
- Fl Fluorapatite
- Flu Fluorite
- Co Cobalt
- Cr Crystalline
- Cy Cyprian
- Fz Felspar
- Le Lead
- Li Limestone
- Mn Manganese
- Mu Marble
- Ms Mica
- Mx Mineral water
- Nb Niobium
- Nr Natural cement rock
- On Olivine
- Op Opal
- Py Pyrite
- Qu Quartzite
- S Sulfur
- NaCl Salt (halite)
- St Sandstone
- Sp Sphalerite
- Si Silica
- Tk Talc
- Tr Titanium
- Ti Tin
- U Uranium
- W Wallstone
- Zn Zinc

Where only 1 or 2 minerals have been mined from a pegmatite deposit, they are specified. Peg is used where more than two minerals have been mined and for pegmatites that have not been exploited.

Oil is used for concrete quarried for building stone or oil stone, or which may be a potential source of high-grade silica. SOI is used for quartz sand or pegmatite quartz sand for high-grade silica.

Fuel, sand and gravel, and clay are not shown.

Numbers

The number by each symbol on the map keys the symbol to the locality list. This list is arranged by counties for each commodity, with the localities numbered independently for each commodity in each county.

The localities are, for the most part, numbered consecutively for each commodity in a county. In a few counties, however, numbers are missing. For example, the part of the list dealing with a commodity in one county may begin with a number other than 1. This can happen when 1 mine has produced 2 commodities or when 2 mines, each producing a different commodity, are represented by the same symbol. In both, the locality is listed with the same number under each commodity, but if one has been possible to list the locality as number 1. Only a few places on the list have gaps in the numbers, but this should present no problem.

Comes and symbols

The symbols used on this map represent an area over a mile in diameter. Thus, it is quite common for 2 or more commodities to occur within the area covered by 1 symbol. When this occurs, only the two most important commodities are designated, and their abbreviations are separated by a comma or ampersand. The comma indicates that the two commodities occur in the same deposit or are obtained from the same mine or quarry. The ampersand indicates that the two commodities do not occur in the same deposit or are produced from different mines, quarries, wells, or surface workings.

MAP OF NEW YORK STATE SHOWING MINERAL OCCURRENCES

