



EXPLANATION
See chart below for rock classification

- Granitic rocks
- Pegmatitic rocks
- △ Intermediate
- × Extreme differentiates
- Ultrabasic rocks
- Meteorite

p Plutonic
v Volcanic
m Metamorphic
s Mineral separates

Areas of igneous and undifferentiated metamorphic and igneous rocks

LOCALITIES OF IGNEOUS ROCKS IN THE UNITED STATES FOR WHICH PUBLISHED CHEMICAL URANIUM ANALYSES ARE AVAILABLE

CLASSIFICATION OF ROCKS

	Granitic	Intermediate	Ultrabasic	Alkalic rocks
Plutonic (p)	Syenite	Diorite	Peridotite	Nepheline-syenite
	Granite	Anorthosite	Dunite	Nepheline-monzonite
	Granodiorite	Gabbro	Pyroxenite	Nepheline-shonkinite
	Tonalite	Tachylyte	Alnoite	Sodalite syenite
	Monzonite	Diabase		Shonkinite
	Quartz monzonite	Quartz		Shonkinite-syenite
	Quartz diorite	Quartz bostonite		Ouachitite
	Quartz syenite			Theralite
				Ijolite
				Teschenite
Volcanic (v)		Rhyolite	Basalt	Olivine-rich basalt
		Dacite	Trachyandesite	Leucitophyre
		Obsidian	Trachydolerite	Limburgite
		Latite	Andesite	Augitite
Metamorphic (m)	Gneiss			Leucite basalt
				Leucitite

STATES

Locality	Reference in text	Locality	Reference in text	Locality	Reference in text
1. Red granite, Topsfield, Maine	71	27. Allanite from pegmatite, Whiteface Mountain, Essex County, N. Y.	62	54. Samarskite from pegmatite, Devil's Head Mountain, Douglas County, Colo.	31
2. Red granite, Red Beach, Maine	71	28. Pegmatite north of Duane, N. Y.	70	55. Quartz-bostonite dikes, Central City district, Colorado	80
3. Granite and gneiss, southwestern Maine	71	29. Granite gneiss near De Peyster, N. Y.	70	56. Boulder Creek batholith, Colorado	27, 50, 54
4. White Mountain magma series, New Hampshire (including Conway granite)	27, 54, 56, 81	30. Uraninite from pegmatite, Richville Station, N. Y.	94	57. Uraninite from pegmatite, Ingersoll claim, Keystone, S. Dak.	31
5. Uraninite from pegmatite, Ruggles mine, Grafton, N. H.	93	31. Pegmatite near Talcville, N. Y.	70	58. Precambrian granite, Fremont County, Wyo.	101
6. Quincy granite, Cape Ann, Mass.	38	32. Granite, vicinity of Fine, N. Y.	70	59. Bearpaw Mountains, Mont.	50, 54
7. Ayer granite, near Chelmsford, Mass.	38	33. Granite, vicinity of Benson Mines, N. Y.	50, 81	60. Highwood Mountains, Mont.	50, 54
8. Allanite from Blueberry Mountain pegmatite, near Boston, Mass.	31	34. Alkalic rocks, Sussex County, N. Y.	59	61. Boulder batholith, Montana	50
9. Quincy granite, Swingle quarry, Quincy, Mass.	38	35. Pegmatite rock, Poronowicz farm, northwest of Oxford Furnace, N. J.	97	62. Idaho batholith, Idaho-Montana	27, 50, 54
10. Pegmatite in gneiss, near Worcester, Mass.	38	36. Granite and granite gneiss, eastern shore of Raritan River and near Glen Gardner, Hunterdon County, N. J.	97	63. Rhyolite, Granite Point claims, Humboldt County, Nev.	99
11. Uraninite in pegmatite, Fitchburg, Mass.	48	37. Pickering gneiss, Chestnut Hill-Marble Mountain area, Pennsylvania	59, 97	64. Modoc lava series, Modoc Lava quadrangle, northern California	50, 54
12. Allanite from pegmatite, Greenwich, Mass. (now under Quabbin Reservoir)	63	38. Lovington granite gneiss, west of Culpeper, Va.	98	65. Lassen Volcanic National Park, northern California	1, 2, 3, 22
13. Pegmatite in gneiss near Southbridge, Mass.	38	39. Lovington granite gneiss, northeast of Charlottesville, Va.	98	66. Allanite from pegmatite, Ragged Peak, Yosemite National Park, Calif.	35
14. Sterling granite gneiss, Rhode Island	58	40. Allanite from pegmatite, Amherst County, Va.	60	67. Sierra Nevada batholith, California	27, 50, 54
15. Samarskite from pegmatite, Spinelli quarry, Glastonbury, Conn.	91	41. Mineralized zones in hornblende gneiss, vicinity of Jefferson, Ashe County, N. C.	98	68. Minerals from pegmatite, northeast of Hector, Calif.	30
16. Uraninite from pegmatite, Portland, Conn.	23, 91	42. Cranberry granite, vicinity of Hampton, Carter County, Tenn.	98	69. Minerals from pegmatite, Pomona Tile quarry, California	30
17. Uraninite from pegmatite, Rock Quarry Landing, Haddam Neck, Conn.	91	43. Uraninite from pegmatite, Spruce Pine, N. C.	31, 91	70. Southern California batholith, California	27, 54, 56, 81
18. Pegmatite near Kent, Conn.	58	44. Uraninite from pegmatite, Marietta, S. C.	91	71. Canyon Diablo meteorite, Coconino County, Ariz.	79
19. Quartz-feldspar-biotite gneiss, near Cornwall Bridge, Conn.	58	45. Granite, and uranophane from granite, Stone Mountain, Ga.	24, 105	72. Modoc meteorite, Scott County, Kans.	79
20. Branford granite gneiss, near Branford, Conn.	58	46. Uranium minerals from pegmatite, Lamar County, Ga.	24	73. Brenham Township meteorite, Kiowa County, Kans.	13
21. Uraninite from pegmatite, near Branchville, Conn.	31, 91	47. Uraninite and allanite from pegmatite, Baringer Hill, Llano County, Tex.	31, 61	74. Carthage meteorite, Smith County, Tenn.	13
22. Hafnium-rich cyrtolite from pegmatite, Bedford, N. Y.	67, 68	48. Zircon from pegmatite in Quanaah granite, Wichita Mountains, Okla.	55	75. Pinedale area, Wyoming	57
23. Biotite gneiss and pegmatite, Bear Mountain area, N. Y.	58	49. Monazite from pegmatite, Bull Creek, near Las Vegas, N. Mex.	69		
24. Pegmatite and granite, vicinity of Lake George, N. Y.	70	50. Euxenite from pegmatite, Bull Creek, near Pecos, N. Mex.	117		
25. Gneiss and pegmatite southwest of Graphite, N. Y.	70	51. Samarskite from pegmatite, Petaca, N. Mex.	31		
26. Allanite from pegmatite, near Mineville, Essex County, N. Y.	62	52. San Juan lava series, southwestern, Colorado	27, 54		
		53. Euxenite from pegmatite, Trout Creek Pass, Colo.	69		

ALASKA

1. Minerals from pegmatite, Willow Creek mining district, Alaska	65
2. Uranothorite from granite, Ruby-Poorman district, Alaska	115
3. Granite and mineral separates, Mount Michelson area, Alaska	113