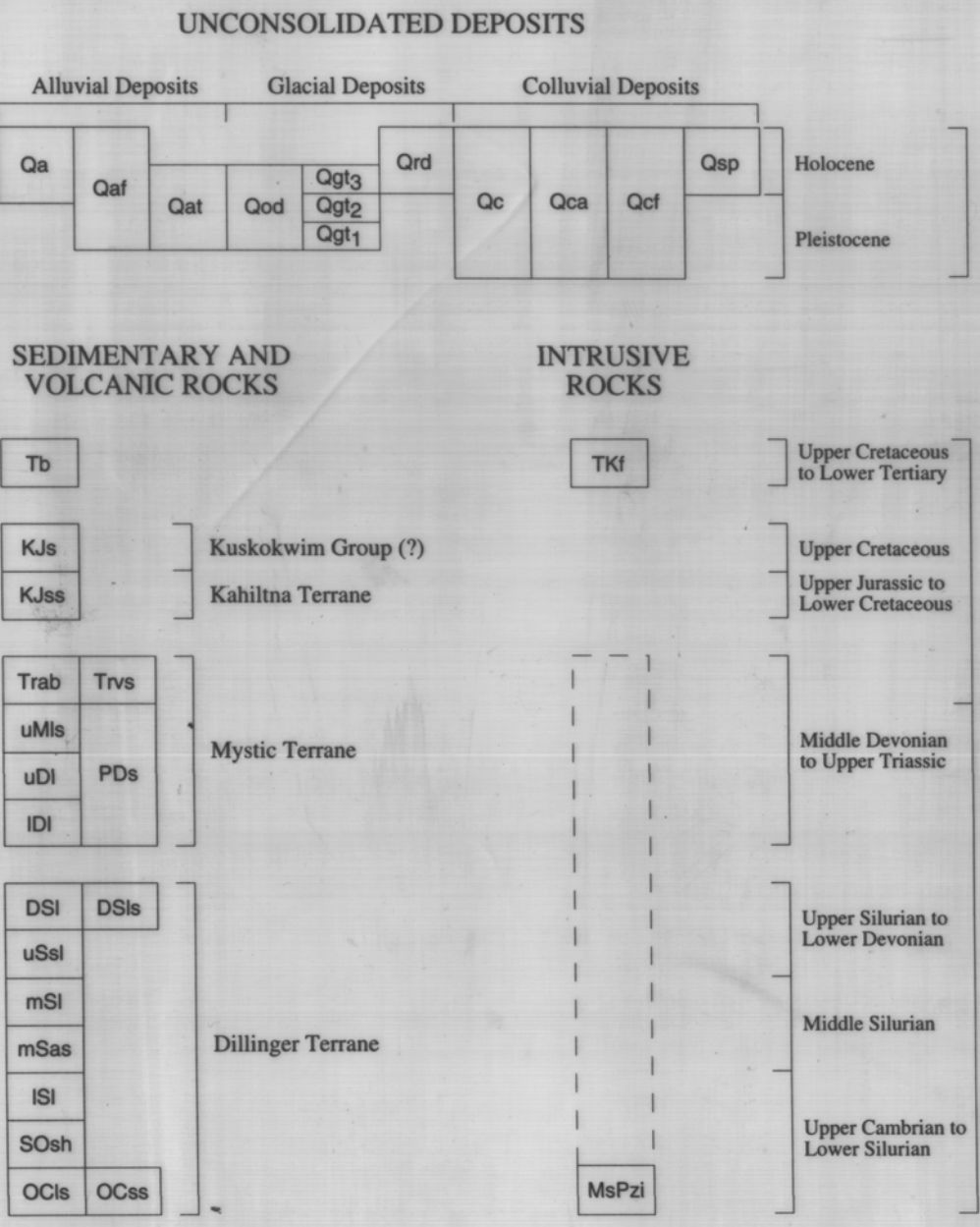




Geologic map of the Gagaryah River area, Lime Hills C-5 and C-6 quadrangles, Southwest Alaska. Includes scale, coordinates, and author information: Bundtzen et al., 1994.

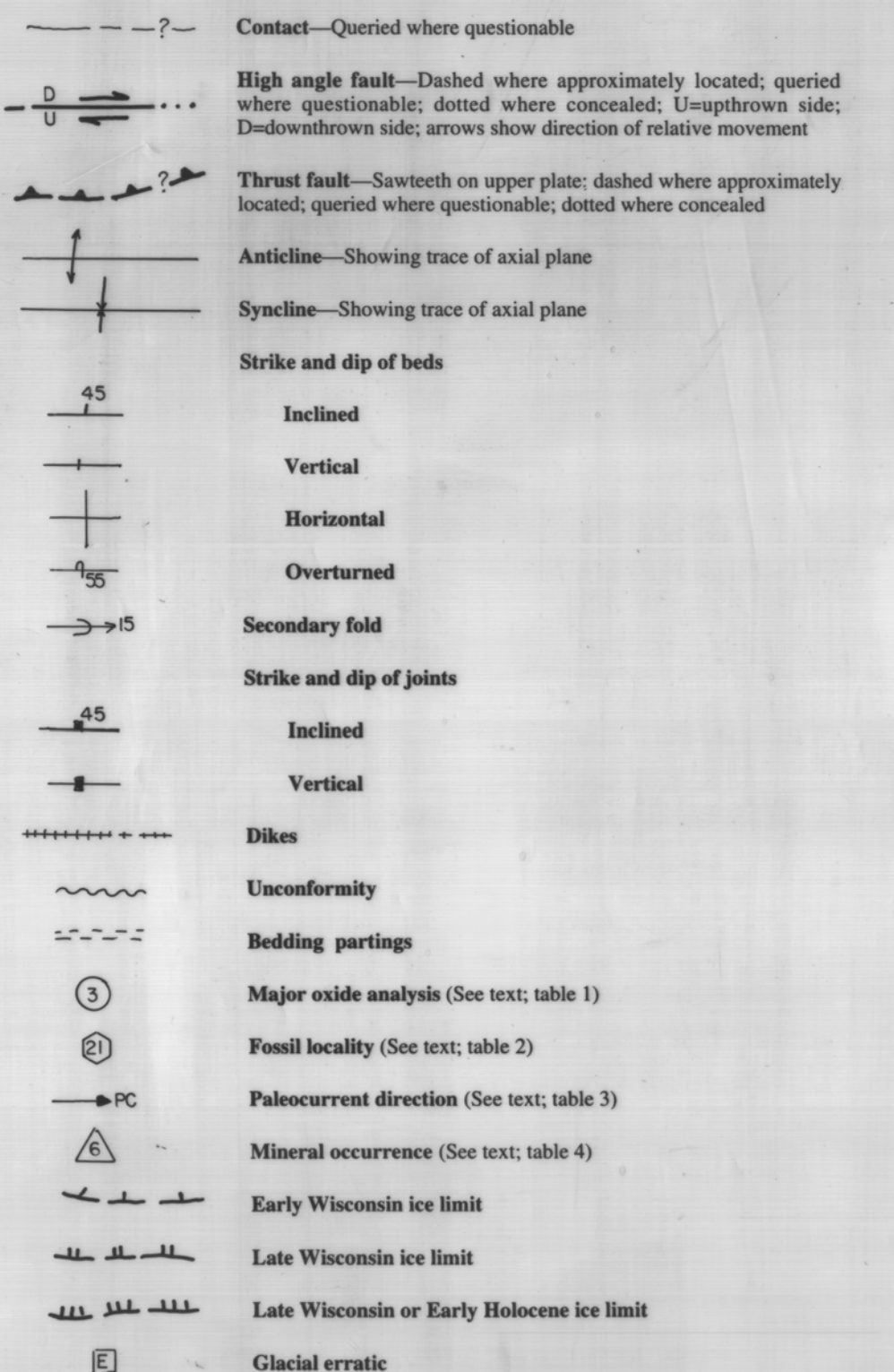
CORRELATION OF MAP UNITS



DESCRIPTION OF MAP UNITS

- Qa Alluvium—Unconsolidated, generally well stratified, gray to tan...
Qof Alluvial fan deposits—Poorly to moderately well sorted, gray to tan...
Qol Terrace alluvium—Moderately to well sorted, gray to tan...
Qod Terrace alluvium—Moderately to well sorted, gray to tan...
Qoq Terrace alluvium—Moderately to well sorted, gray to tan...
Qot Terrace alluvium—Moderately to well sorted, gray to tan...
Qo1 Terrace alluvium—Moderately to well sorted, gray to tan...
Qo2 Terrace alluvium—Moderately to well sorted, gray to tan...
Qo3 Terrace alluvium—Moderately to well sorted, gray to tan...
Qo4 Terrace alluvium—Moderately to well sorted, gray to tan...
Qo5 Terrace alluvium—Moderately to well sorted, gray to tan...
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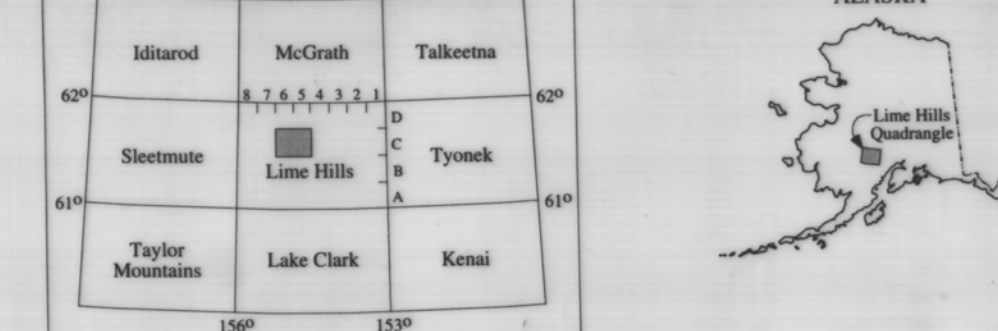
MAP SYMBOLS



BEDROCK UNITS

- Tb Basalt—Aphanitic to very fine grained, dark gray, olivine-angite, columnar jointed basalt...
Tc Tuffaceous sandstone and conglomerate...
TKf Alaskite—Light gray to tan, weathered, blocky, very fine grained to porphyro-splastic...

LOCATION INDEX



KAHILINA TERRANE

- KJas Fine grained sandstone, siltstone and minor conglomerate—Medium to dark gray, fine grained, lithic sandstone, siltstone, and minor pebble conglomerate...

MYSTIC TERRANE

- Trab Pillow basalt, mafic sills and agglomerate—Dark green-gray, massive, aphanitic to medium grained phenocrystic, olivine-clinopyroxene rich, basalt, olivine diabase, gabbro, and mafic agglomerate...

TRV

- Trv Coarse sandstone and siltstone—Tan to greenish gray, pebblic, immature conglomerate, coarse sandstone, and distinctly brown silty shale...

uMS

- uMS Limestone, conglomerate, shale and chert—Brown to gray, layered to nodular limestone, calcareous siltstone, varicolored chert, and limestone-chert conglomerate...

uDI

- uDI Massive to laminated, fossiliferous limestone—Light to medium gray, massive to laminated, frequently fossiliferous with corals, bryozoans, and other marine organisms...

GEOLOGIC MAP OF THE GAGARYAH RIVER AREA LIME HILLS C-5 AND C-6 QUADRANGLES, SOUTHWEST ALASKA

REFERENCES CITED

Blodgett, R.B., and Gilbert, W.G., 1993. Upper Devonian shallow-water siliciclastic, strata and associated fauna and flora, Lime Hills D-4 Quadrangle, southwest Alaska: U.S. Geological Survey Bulletin 2018, p. 106-115.
Bundtzen, T.K., Kline, J.T., and Clough, J.G., 1982. Preliminary geology of McGrath B-2 Quadrangle, Alaska: Alaska Division of Geological & Geophysical Surveys Open File Report 149, 22 p., 1 sheet, scale 1:40,000.
Bundtzen, T.K., Kline, J.T., Smith, T.E., and Ahlhusen, M.D., 1988. Geology of the McGrath A-2 Quadrangle, Alaska: Alaska Division of Geological & Geophysical Surveys Open File Report 191, 21 p., 1 sheet, scale 1:63,300.
Cady, W.M., Wallace, R.E., Hoar, J.M., and Webber, E.J., 1955. The central Kuskokwim region, Alaska: U.S. Geological Survey Professional Paper 268, 132 p.
Charlton, Michael, Jr., and Carter, Charles, in press. Stratigraphy, structure, and geotitles of an Ordovician and Silurian sequence in the Terra Cotta mountains, Alaska Range, Alaska: U.S. Geological Survey Professional Paper, 50 p. (manuscript).
Folk, R.L., 1968. Petrology of sedimentary rocks. Austin, Texas, Hemphill Books, 170 p.
Gilbert, W.G., Solie, D.N., and Kline, J.T., 1988. Geologic map of McGrath A-3 Quadrangle, Alaska: Alaska Division of Geological & Geophysical Surveys Report 92, 2 sheets, scale 1:63,300.
Gilbert, W.G., Solie, D.N., Kline, J.T., and Dickey, D.B., 1989. Geologic map of McGrath B-3 Quadrangle, Alaska: Alaska Division of Geological & Geophysical Surveys Report 102, 2 sheets, scale 1:63,300.
Gilbert, W.G., Bundtzen, T.K., Kline, J.T., and Laird, G.M., 1990. Preliminary geology and geochemistry of southwest part of Lime Hills D-4 Quadrangle, Alaska: Alaska Division of Geological & Geophysical Surveys Report of Investigations 90-6, 1 sheet, scale 1:63,300.
Gordey, S.P., and Anderson, R.G., 1993. Evolution of the northern Cordilleran Miogeoclinal, Nahanni map area, Yukon and Northwest Territories, Canada: Geological Survey of Canada Memoir 428, 214 p., 4 sheets, scale 1:250,000.
Kline, J.T., and Bundtzen, T.K., 1986. Two glacial records from west-central Alaska, in Hamilton, T.D., Reed, K.M., and Thorsen, R.M., eds., Glaciation in Alaska—the geologic record: Alaska Geological Society Special Volume, p. 123-150.
Miller, M.L., and Bundtzen, T.K., 1994. Generalized geologic map of the McGrath A-2 Quadrangle, Alaska, showing potassium argon, major oxide, trace element, fission track, paleomagnetism, and archaeological sample localities: U.S. Geological Survey Map MF-2219-A, 49 p., 1 sheet, scale 1:250,000.