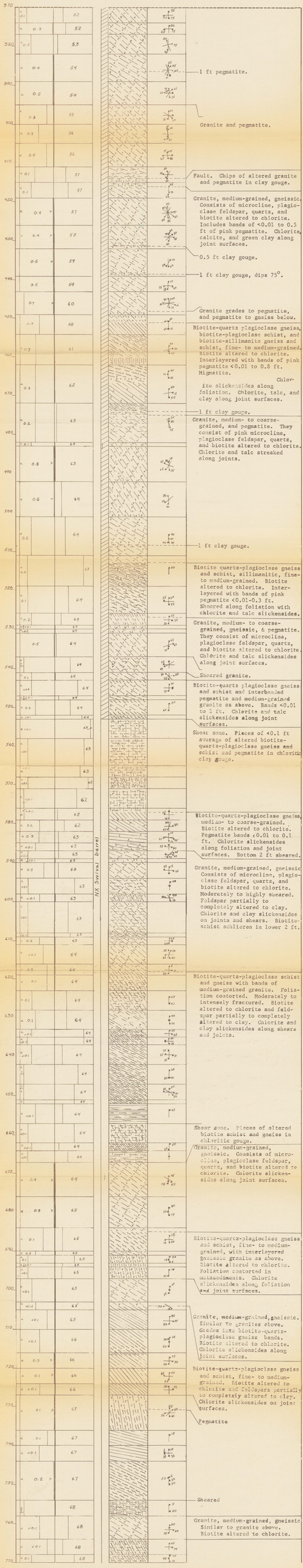
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MK Swivel Dayre
1 ft pegmatite.
Granite and pegmatite.
Fault. Chips of altered granite and pegmatite in clay gouge.
Granite, medium-grained, gneissic. Consists of microcline, plagioclase feldspar, quartz, and biotite altered to chlorite. Includes bands of <0.01 to 0.5 ft of pink pegmatite. Chlorite, calcite, and green clay along joint surfaces.
0.5 ft clay gouge.
1 ft clay gouge, dips 75°.
Granite grades to pegmatite, and pegmatite to gneiss below.
Biotite-quartz plagioclase gneiss, biotite-plagioclase schist, and biotite-sillimanite gneiss and schist, fine- to medium-grained. Biotite altered to chlorite. Interlayered with bands of pink pegmatite <0.01 to 0.8 ft. Migmatite.
Chlorite slickensides along foliation. Chlorite, talc, and clay along joint surfaces.
1 ft clay gouge.
Granite, medium- to coarse-grained, and pegmatite. They consist of pink microcline, plagioclase feldspar, quartz, and biotite altered to chlorite. Chlorite and talc streaked along joints.
1 ft clay gouge.
Biotite quartz-plagioclase gneiss and schist, sillimanitic, fine- to medium-grained. Biotite altered to chlorite. Interlayered with bands of pink pegmatite <0.01-0.3 ft. Sheared along foliation with chlorite and talc slickensides.
Granite, medium- to coarse-grained, gneissic, & pegmatite. They consist of microcline, plagioclase feldspar, quartz, and biotite altered to chlorite. Chlorite and talc slickensides along joint surfaces.
Sheared granite.
Biotite-quartz plagioclase gneiss and schist and interbanded pegmatite and medium-grained granite as above. Bands <0.01 to 2 ft. Chlorite and talc slickensides along joint surfaces.
Shear zone. Pieces of <0.1 ft average of altered biotite-quartz-plagioclase gneiss and schist and pegmatite in chloritic clay gouge.
Biotite-quartz-plagioclase gneiss, medium- to coarse-grained. Biotite altered to chlorite. Pegmatite bands <0.01 to 0.1 ft. Chlorite slickensides along foliation and joint surfaces. Bottom 2 ft sheared.
Granite, medium-grained, gneissic. Consists of microcline, plagioclase feldspar, quartz, and biotite altered to chlorite. Moderately to highly sheared. Feldspar partially to completely altered to clay. Chlorite and clay slickensides on joints and shears. Biotite-schist schlieren in lower 2 ft.
Biotite-quartz-plagioclase schist and gneiss with bands of medium-grained granite. Foliation contorted. Moderately to intensely fractured. Biotite altered to chlorite and feldspar partially to completely altered to clay. Chlorite and clay slickensides along shears and joints.
Shear zone. Pieces of altered biotite schist and gneiss in chloritic gouge.
Granite, medium-grained, gneissic. Consists of microcline, plagioclase feldspar, quartz, and biotite altered to chlorite. Chlorite slickensides along joint surfaces.
Biotite-quartz-plagioclase gneiss and schist, fine- to medium-grained, with interlayered gneissic granite as above. Biotite altered to chlorite. Foliation contorted in metasediments. Chlorite slickensides along foliation and joint surfaces.
Granite, medium-grained, gneissic. Similar to granites above. Grades into biotite-quartz-plagioclase gneiss bands. Biotite altered to chlorite. Chlorite slickensides along joint surfaces.
Biotite-quartz-plagioclase gneiss and schist, fine- to medium-grained. Biotite altered to chlorite and feldspars partially to completely altered to clay. Chlorite slickensides on joint surfaces.
Pegmatite
Sheared
Granite, medium-grained, gneissic. Similar to granite above. Biotite altered to chlorite.