

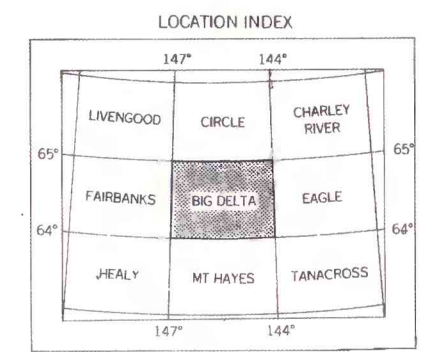
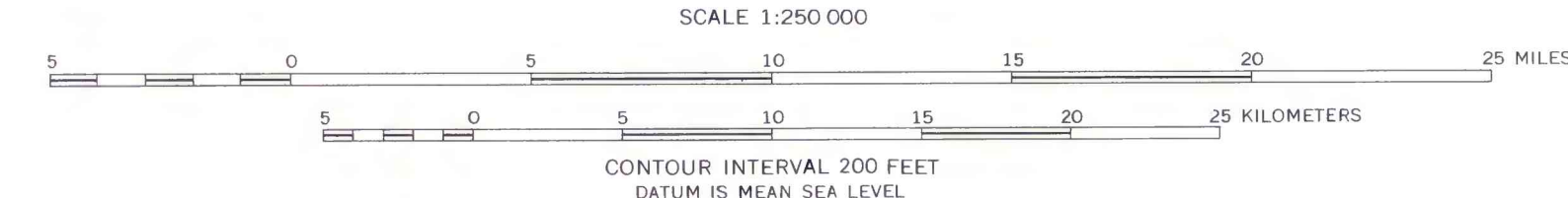


Table 2.--Characteristics of telegeologic areas identified on sinusoidally stretched Landsat imagery of the Big Delta quadrangle, Alaska.

| AREA | DOMINANT COLORS                                      | PHOTOGRAPHIC TEXTURE | GENERAL PATTERN        | PHYSIOGRAPHIC RELATION                            | ASSOCIATED GEOLOGIC UNITS             |
|------|--|----------------------|------------------------|---|---------------------------------------|
| A    | Violet green maroon                                  | Fine to medium       | Irregular to elongated | Lowland drainage & marshes                        | Qac (Qaf)                             |
| B    | Green violet red                                     | Fine                 | Irregular              | Lowland drainage in Yukon-Tanana Upland           | Qac                                   |
| C    | Green violet lt blue                                 | Fine to medium       | Irregular              | Lowland drainage & marshes in Yukon-Tanana Upland | Qac                                   |
| D    | Lt blue violet maroon green                          | Fine to medium       | Irregular              | Piedmont  | Qm (Qaf) (Qd)                         |
| E    | Green violet lt blue                                 | Fine to medium       | Fibrous                | Higher piedmont of Alaska Range                   | Tnc                                   |
| F    | Lt blue violet maroon                                | Fine to medium       | Elongated              | Piedmont flanking major rivers                    | Qaf                                   |
| G    | White violet   | Very fine to medium  | Irregular              | Piedmont flanking major rivers                    | Qaf (Qac)                             |
| H    | Maroon violet  | Fine                 | Irregular              | Lowlands flanking streams                         | Qac (Qaf)                             |
| I    | Green violet   | Medium               | Elongated              | Piedmont of Alaska Range                          | Qaf                                   |
| J    | Violet lt blue                                       | Medium               | Irregular              | Piedmont of Alaska Range flanking Tanana River    | Qaf                                   |
| K    | Lt blue violet white green                           | Medium to coarse     | Parallel               | Highlands of Yukon-Tanana Upland                  | PzpCg (Pzg) (Pzc) (TMzg) (Kg)         |
| L    | Violet white lt blue                                 | Coarse               | Angular                | Highlands of Yukon-Tanana Upland                  | PzpCg (Pzg) (Pzc) (TMzg) (Kg)         |
| M    | Lt blue green red white purple dk blue yellow        | Fine to medium       | Parallel to angular    | Highlands of Yukon-Tanana Upland                  | PzpCg (Pzg) (Pzc) (TMzg) (Kg)         |
| N    | Green red lt blue violet purple dk blue white yellow | Fine to medium       | Angular to irregular   | Highest parts of Yukon-Tanana Upland              | PzpCg (Pzg) (Pzc) (TMzg) (Pac) (PzCa) |
| O    | Green white maroon lt blue violet                    | Coarse               | Parallel to angular    | Yukon-Tanana Upland                               | Fire scars                            |
| P    | Green purple violet white lt blue maroon             | Coarse               | Angular to irregular   | Marginal to highest parts of Yukon-Tanana Upland  | Pzg (PzCa)                            |
| Q    | Green red purple violet white                        | Medium to coarse     | Irregular to angular   | Yukon-Tanana Upland                               | PzpCa (PzCa) (TMzg)                   |
| R    | Red lt blue purple                                   | Coarse               | Angular to irregular   | Southern part of Yukon-Tanana Upland              | PzpCg (PzCa)                          |
| S    | Red green  | Fine to medium       | Parallel               | Higher piedmont of Alaska Range                   | Tnc                                   |
| T    | Red lt blue dk blue violet                           | Fine to medium       | Elongated              | Rivers draining Alaska Range                      | Qac                                   |
| U    | Green purple violet                                  | Coarse               | Angular to irregular   | Yukon-Tanana Upland                               | PzpCg (PzCa) (Pzg) (TF)               |

SEE SHEET 1 FOR EXPLANATION OF GEOLOGY

BASE BY U.S. GEOLOGICAL SURVEY, 1963



EXPLANATION OF IMAGERY INTERPRETATION

- TELEGEOLOGIC UNITS (SEE TABLE 2)
- LIMIT OF COVERAGE BY LANDSAT IMAGERY

MAP SHOWING INTERPRETATION OF LANDSAT IMAGERY OF THE BIG DELTA QUADRANGLE, ALASKA

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1979

This report is preliminary and has not been edited or reviewed for conformity with Geological Survey standards and nomenclature.