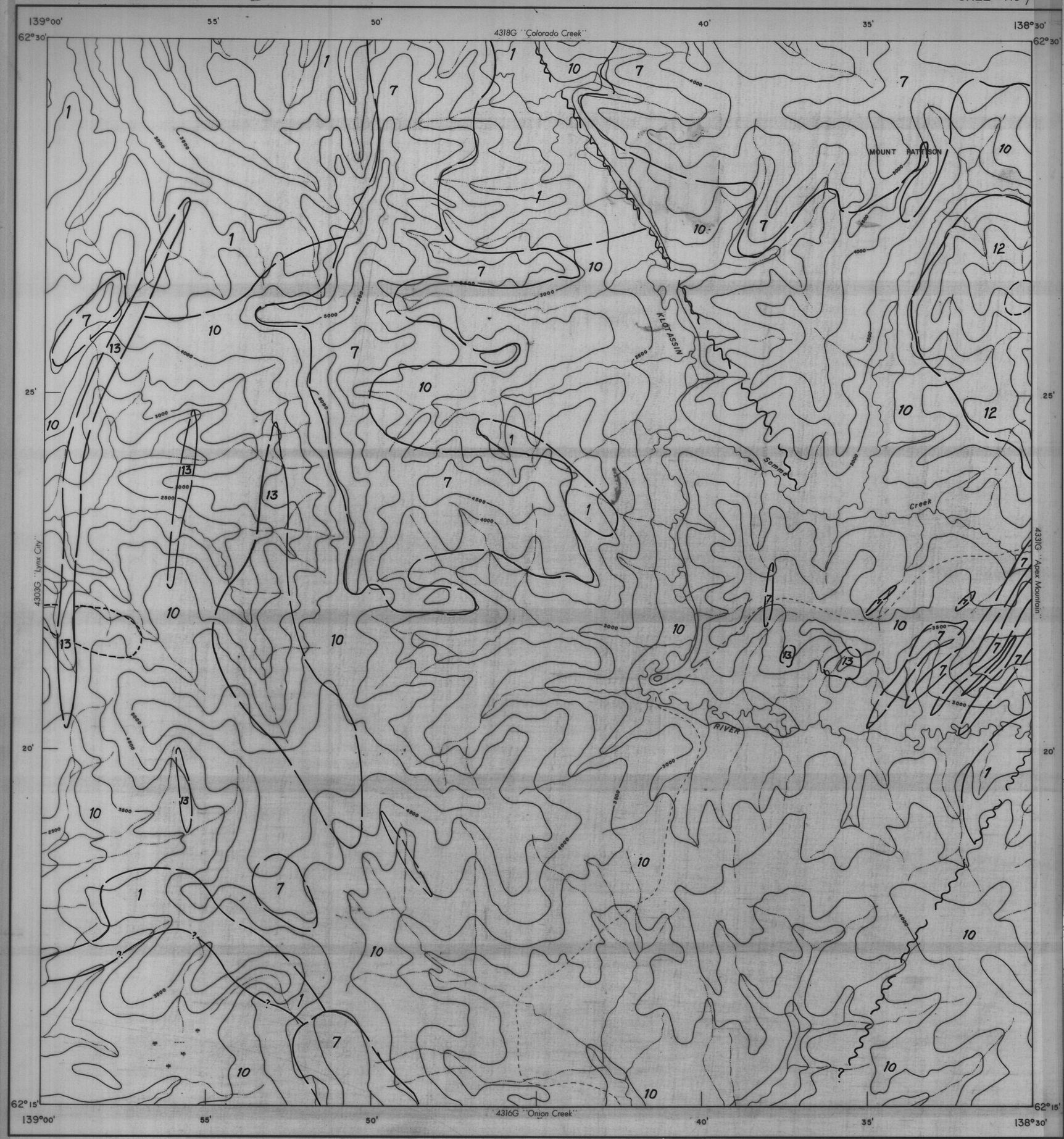


LEGEND

CENOZOIC

Modern and Tertiary

15	SELKIRK SERIES Basalt and andesite flows
14	SELKIRK SERIES Basalt and andesite flows, breccias and tuffs.

Tertiary

13	Fine to medium grained quartz porphyry, rhyolite porphyry, granite porphyry, biotite granite, quartz-feldspar porphyry and associated felsitic dykes. **13a** fine to medium grained Alaskite
12	CARMACKS VOLCANICS including andesite, dacite and trachyte flows, breccias and tuffs
11	Dark green to black medium grained peridotite to Gabbro

MESOZOIC

Jurassic or Later

10	Quartz monzonite to granodiorite of Klotassin batholith, Nisling and Ruby Range **10a** medium grained hornblende biotite granodiorite **10b** medium grained biotite quartz monzonite
9	medium to course grained hornblende syenite to medium grained biotite monzonite
8	Diorite, Gabbro and allied rock types
7	MOUNT NANSEN VOLCANICS andesitic to basaltic including basalt, andesite and dacite flows, breccias and tuffs
6	TANTALUS FORMATION conglomerate, sandstone, shale, coal seams

Jurassic

5	LABERGE SERIES conglomerate, sandstone, arkose, greywacke, shale, tuff, coal seams

Triassic

4	LEWES RIVER SERIES limestone, some tuffaceous sandstone

PRECAMBRIAN and LATER

3	Granite-gneiss, diorite-gneiss
	YUKON GROUP
2	Limestone and marble
1	Micaceous and graphitic quartzites, quartz biotite-schist, amphibolite schists and gneisses, minor limestone

Areas in which dykes and irregular bodies of Tertiary quartz porphyry, granite porphyry and rhyolite are numerous

BEDDING (horizontal, inclined, vertical)

LIMIT OF MAPPING

ASSUMED GEOLOGICAL CONTACT

ASSUMED FAULT

APPROXIMATE FAULT

CONTOUR LINE (1000 ft intervals)

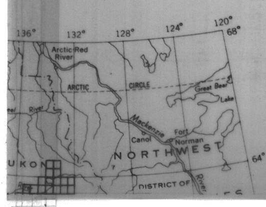
DRAINAGES

MAJOR LAKES

MARSH

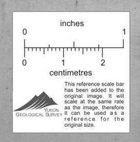
PUBLISHED, 1966

MAP 4317 G



ISOMAGNETIC LINES (absolute total field)

500 gammas . . . . . .
100 gammas . . . . . .
20 gammas . . . . . .
10 gammas . . . . . .



MOUNT PATTISON

YUKON TERRITORY

Scale: One Inch to One Mile = $\frac{1}{\ }$

Magnetic survey, July to October 1965 by Aero. Photo. Ir...

No correction has been made for regional variation

The planimetry for this map was obtained from topographical map sheets published by the Department...

016549

The magnetic data on this map recorded along the flight lines shown. magnetic contours are dependent on th the underlying rocks, and may be due to depths below the surface. High magn the presence of basic rocks, such as diabl have a relatively high iron content, but or partly due, to concentrations of mag

Geology
115-J-7