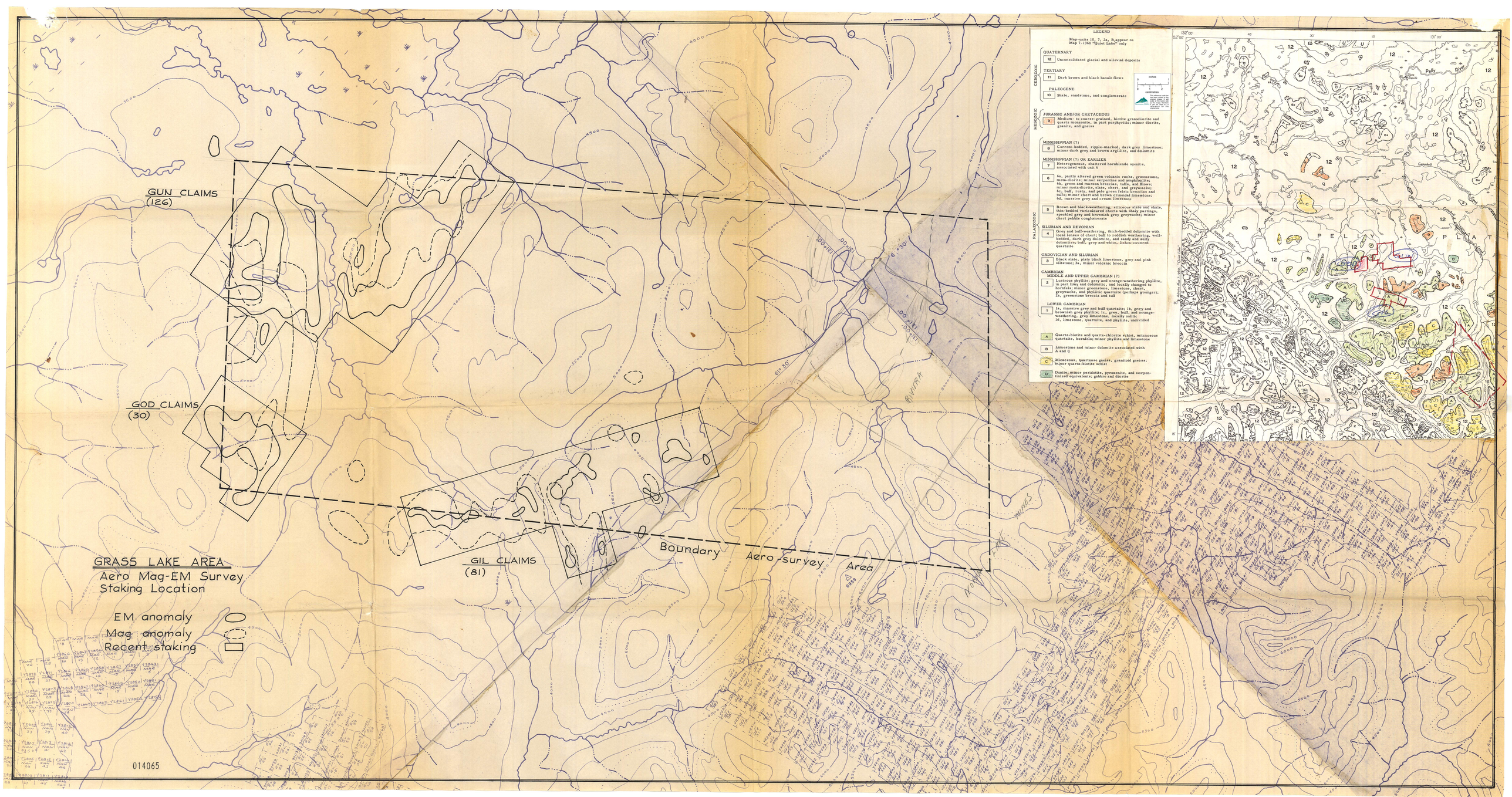
GUN CLAIMS
(126)
GOD CLAIMS
(30)
GIL CLAIMS
(81)
Boundary Aero survey Area
GRASS LAKE AREA
Aero Mag-EM Survey
Staking Location
EM anomaly
Mag anomaly
Recent staking
014065
LEGEND
Map-units 10, 7, 2a, B appear on Map 7-1960 "Quiet Lake" only
CENOZOIC
QUATERNARY
12 Unconsolidated glacial and alluvial deposits
TERTIARY
11 Dark brown and black basalt flows
PALEOCENE
10 Shale, sandstone, and conglomerate
MESOZOIC
JURASSIC AND/OR CRETACEOUS
9 Medium- to coarse-grained, biotite granodiorite and quartz monzonite, in part porphyritic; minor diorite, granite, and gneiss
PALAEOZOIC
MISSISSIPPIAN (?)
8 Current-bedded, ripple-marked, dark grey limestone; minor dark grey and brown argillite, and dolomite
MISSISSIPPIAN (?) OR EARLIER
7 Heterogeneous, shattered hornblende syenite, associated with unit 6
6 6a, partly altered green volcanic rocks, greenstone, meta-diorite; minor serpentine and amphibolite; 6b, green and maroon breccias, tuffs, and flows; minor meta-diorite, slate, chert, and greywacke; 6c, buff, rusty, and pale green felsic breccias and tuffs; minor chert and brown crinoidal limestones; 6d, massive grey and cream limestone
5 Brown and black-weathering, siliceous slate and shale, thin-bedded varicoloured cherts with shaly partings, speckled grey and brownish grey greywacke; minor chert pebble conglomerate
SILURIAN AND DEVONIAN
4 Grey and buff-weathering, thick-bedded dolomite with local lenses of chert; buff to reddish weathering, well-bedded, dark grey dolomite, and sandy and silty dolomites; buff, grey and white, lichen-covered quartzite
ORDOVICIAN AND SILURIAN
3 Black slate, platy black limestone, grey and pink siltstone; 3a, minor volcanic breccia
CAMBRIAN
MIDDLE AND UPPER CAMBRIAN (?)
2 Lustrous phyllite; grey and orange-weathering phyllite, in part limy and dolomitic, and locally changed to hornfels; minor greenstone, limestone, chert, greywacke, and phyllitic quartzite (perhaps younger); 2a, greenstone breccia and tuff
LOWER CAMBRIAN
1 1a, massive grey and buff quartzite; 1b, grey and brownish grey phyllite; 1c, grey, buff, and orange-weathering, grey limestone, locally oolitic
1d, limestone, quartzite, and phyllite, undivided
A Quartz-biotite and quartz-chlorite schist, micaceous quartzite, hornfels; minor phyllite and limestone
B Limestone and minor dolomite associated with A and C
C Micaceous, quartzose gneiss, granitoid gneiss; minor quartz-biotite schist
D Dunite; minor peridotite, pyroxenite, and serpentinized equivalents; gabbro and diorite
inches
centimetres
PELLY PLAT
Pelly River
Campbell
Hess
Hamilton
Hamilton River
Mayhood
Mayhood Lake
Quiet Lake
Grass Lake
Pelly Lake
Pelly Lake Mag. Anom.
Quiet Lake Mag. Anom.
Grass Lake Mag. Anom.