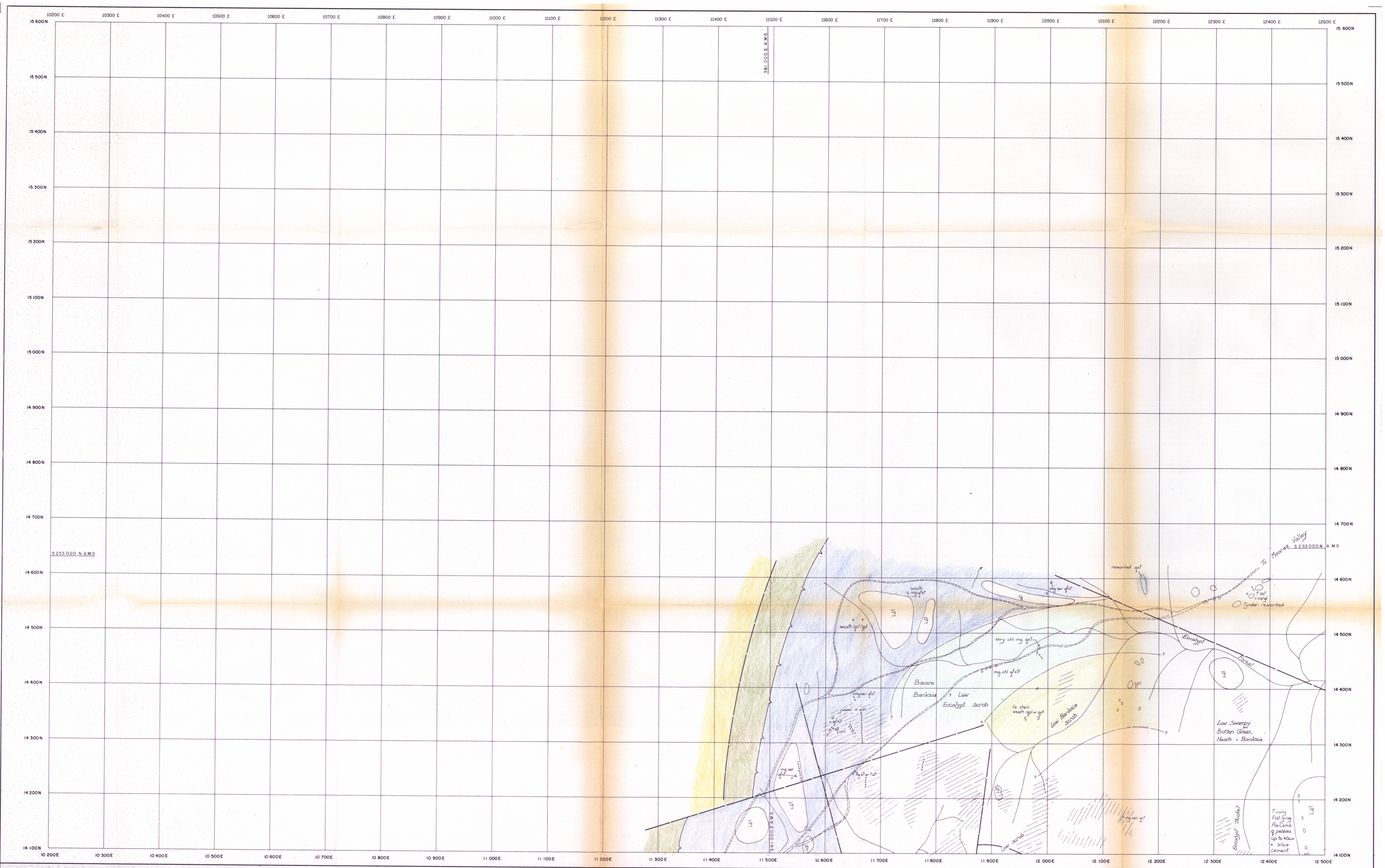

VOLCANIC ROCKS

- lt — lithic tuff
- xt — crystal tuff
- vt — vitric tuff
- clt — crystal lithic tuff
- agg — agglomerate rounded clasts 32 mm
- fr — fragmental angular clasts 32 mm
- ut — undifferentiated tuffs
- t — tuff
- qp — quartz porphyry
- qfp — quartz feldspar porphyry
- qfbp — quartz feldspar biotite porphyry
- ss — waffle dacites lava
- lap — lapilli

PREFIXES (see prefix indicates acid composition)

- a — acid
- i — intermediate
- rhy — rhyolite or rhyolitic
- dac — dacite or dacitic
- and — andesite or andesitic
- b — basalt or basaltic
- ba — basic

SEDIMENTARY ROCKS

- sh — shale
- sl — siltstone
- blsh — blackshale
- sst — sandstone
- qzt — quartzite
- gwk — greywacke
- cl — clay
- lmst — limestone
- dol — dolomite
- bx — breccia
- congl — conglomerate
- vs — volcaniclastic sediment

METAMORPHIC ROCKS

- phy — phyllite
- sch — schist
- gns — gneiss
- hfs — hornfels
- mb — marble

INTRUSIVE ROCKS

- gr — granite
- gd — granodiorite
- ad — adamellite
- di — dolerite
- lp/lamp — lamprophyre
- bd — basic dyke
- sp — spilite
- pg — pegmatite
- qv — quartz veins

STRUCTURAL AND TEXTURAL

- p — porphyritic
- slcd — strongly cleaved
- sh — sheared
- ox — oxidized
- vns — veined
- lam — laminated
- bx — brecciated
- sch — schistose
- vug — vugular (rugby, vug)
- cren — crenulated

MINERALOGICAL PREFIXES
(only use if diagnostic)

- ol — olivine
- chl — chlorite
- ser — sericitic
- cal — calcareous
- fe — ferruginous
- px — pyroxene
- tour, tm — tourmaline
- gms — gamesous
- lim — limonitic
- org — organic
- feld — feldspathic
- ep — epidote
- bi — biotite
- py — pyrite
- qtz — quartz
- gl — galena
- sp — sphalerite
- cp — chalcopyrite

GRAIN SIZE

- fg — fine grained 0 – 3 mm fragments
- mg — medium grained 3 – 10 mm fragments
- cg — coarse grained 10 – 32 mm fragments
- agg — agglomerate or veld breccia > 32

AGE DESIGNATION PREFIXES

- Q — Quaternary
- T — Tertiary
- J — Jurassic
- TR — Triassic
- P — Permian
- D — Devonian
- S — Silurian
- O — Ordovician
- Є — Cambrian
- PreЄ — Precambrian

STRUCTURAL

- ovtcrop — float
- bedding
- strike/dip of flow layering in volcanic rocks
- " " "schistosity (metamorphic foliation)
- fault
- interpretive contact
- jointing
- cleavage
- fold axis
- vertical cleavage

- Superficial residual quartz rubble
- Qa — Alluvium
- Tg — Unconsolidated Tertiary Gravel
- O — Ordovician "Owen" conglomerate/quartzite

CAMBRIAN

TYNDAL GROUP CORRELATES

- Є — Grey - black shale/siltstone
- Є — Coarse rhyolitic epiclastics & sandstone

DUNDAS GROUP

- Ꝑ — Greywacke, shale

MAINWARING GROUP

- 45 — Andesitic - basaltic lava, breccia, tuff, tuffaceous shale
- 46 — Dolomitic shale, dolomite

WESTERN VOLCANO - SEDIMENTARY SEQUENCE

- 52 — Tuffaceous greywacke, sst, conglomerate
- 69 — Rhyolitic spherulitic
- 70 — Argillaceous phyllite, siltstone, black slate
- 27 — "Pander's Tuffs" Rhyolitic crystal tuff, minor sediment

WART HILL ACID PYROCLASTICS

- 49 — Rhyolitic qtz phyric lava
- 50 — Sericitic quartz crystal tuff, lithic tuff, rhyolitic agglomerate
- 54 — Chloritic quartz feldspar crystal lithic tuff
- 47 — Variable highly chloritic (altered?) pyroclastics & e.g. lavas
- 48 — Chloritic e.g. quartz phyric lava
- 47 — Fine grained phyric dacite lava
- 80 — Quartz pebble conglomerate, micaceous sandstone, siltstone
- 65 — Pyritic grey - black slate, siltstone

STONY CRK. PORPHYRITIC MICROGRANITE

KT 27/76-3 (1:10000)

KT 27/76-5 (1:10000)

1	2	1	2
3	4	3	4
1	2	1	2
3	4	3	4
1	2	1	2
3	4	3	4
1	2	1	2
3	4	3	4

NW NE SW SE

WART HILL SERIES

5 cm

GN MN 13°00'

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Date:	June 83
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