

GEOLOGY OF THE NORTHERN LEWIS HILLS,
WESTERN NEWFOUNDLAND

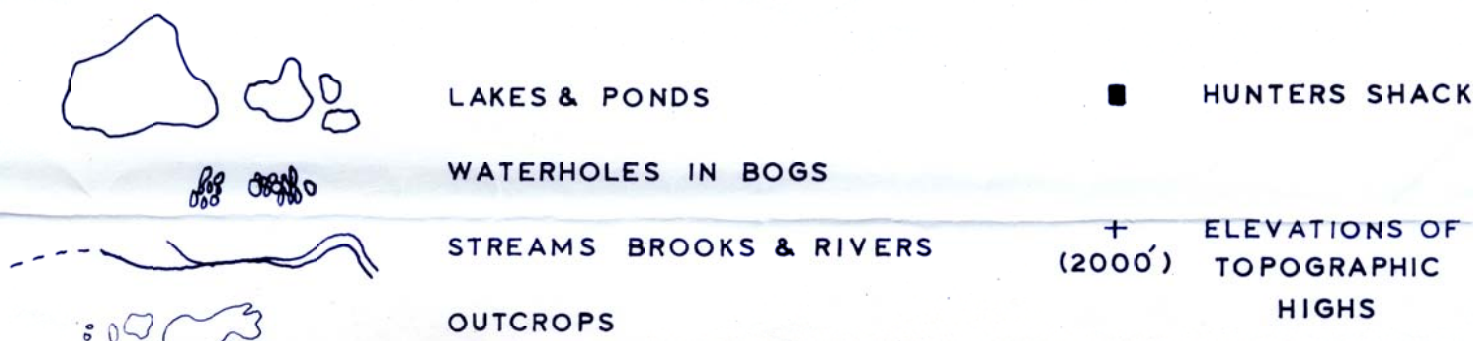
SUMMERS 1974 to 1976

GEOLOGY BY J.A.KARSON

PLATE I

LITHOLOGIC LAYERING AND MINOR INTRUSIVE
BODIES IN THE NORTHERN LEWIS HILLS

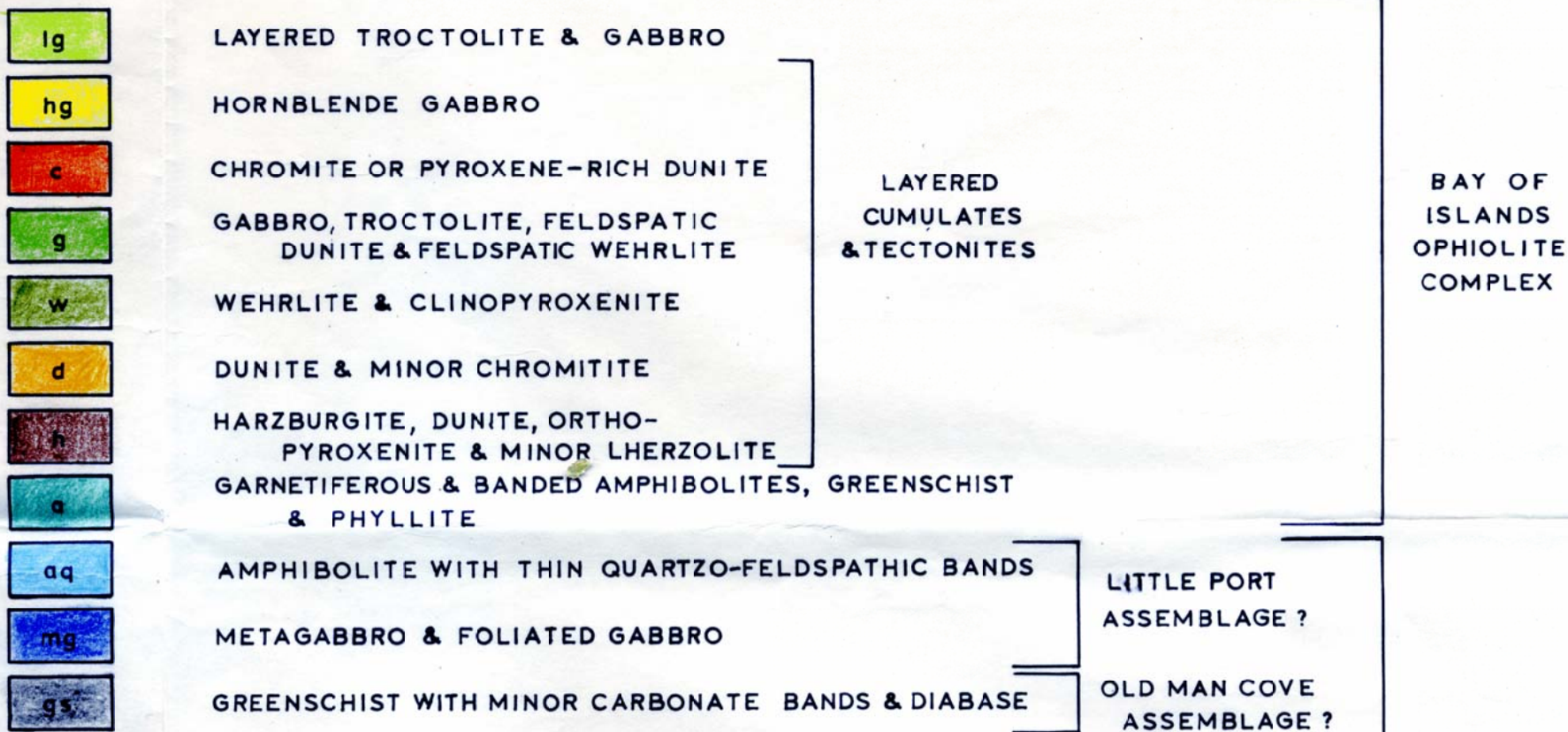
General Symbols



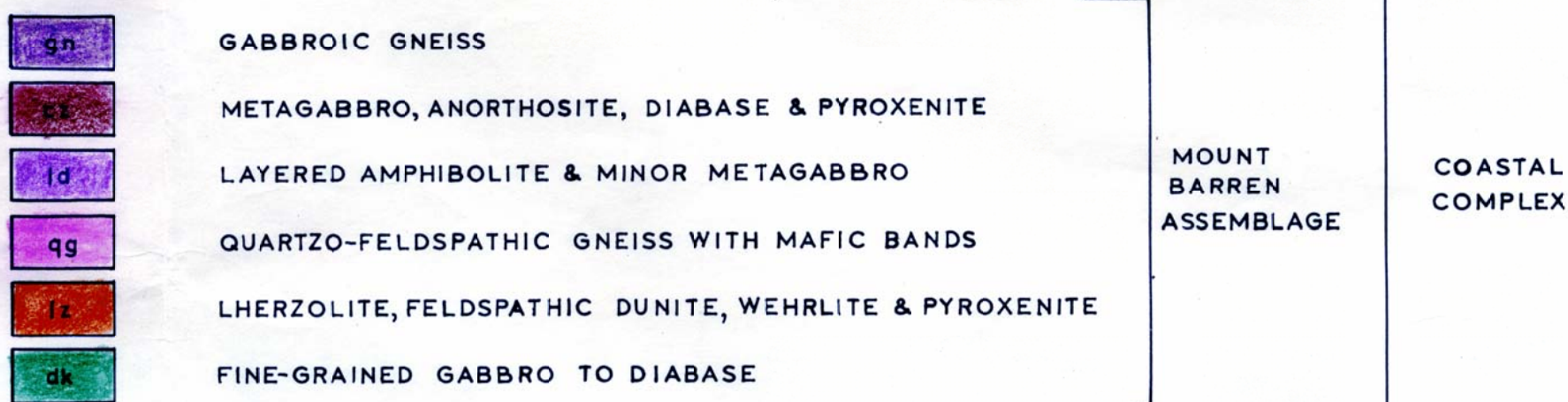
Geologic Contacts



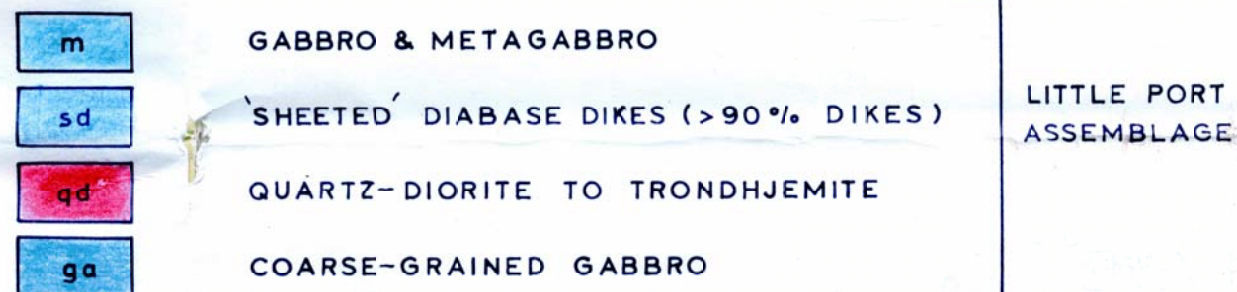
Eastern Zone



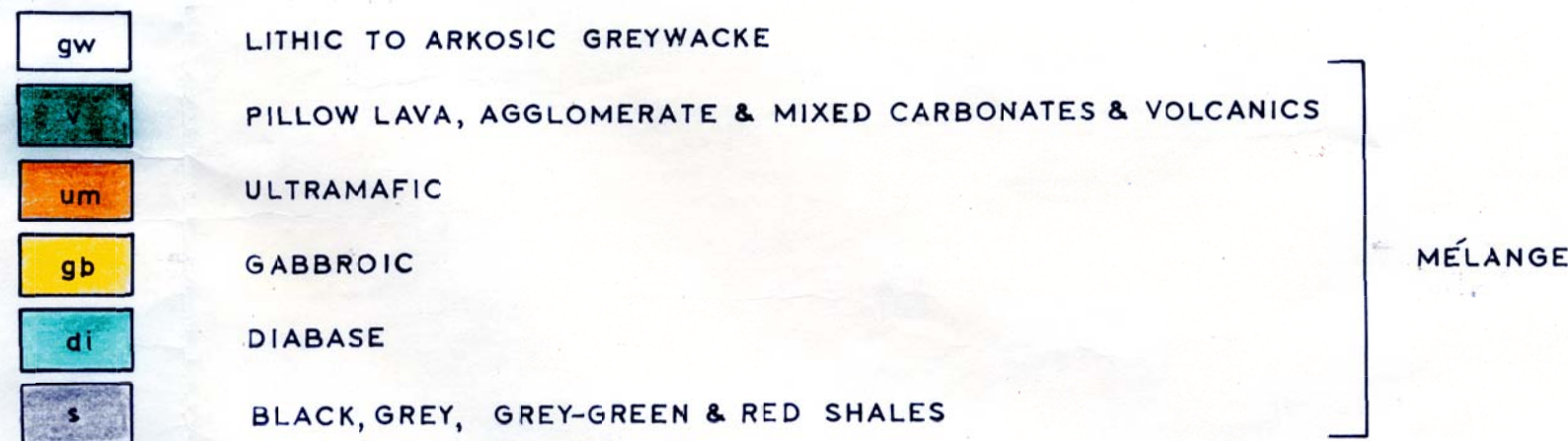
Central Zone



Western Zone



Humber Arm Supergroup



Compositional Layering & Foliations

NOTE : EXCEPT AT FOLD HINGES, CROSS BEDDING & IGNEOUS CONTACTS
PLANAR PREFERRED DIMENSIONAL ORIENTATION PARALLELS COMPOSITIONAL LAYERING
BEDDING IN SEDIMENTARY ROCKS (DOT INDICATES PRESENCE OF FACING EVIDENCE)
COMPOSITIONAL LAYERING IN IGNEOUS ROCKS
COMPOSITIONAL LAYERING IN METAGABBROS & AMPHIBOLITES
COMPOSITIONAL LAYERING IN ULTRAMAFIC & GABBROIC TECTONITES

Minor Intrusive Bodies

FINE-GRAINED GABBRO TO DIABASE DIKES
IRREGULAR BODIES OF QUARTZ-DIORITE TO TRONDHJEMITE
SMALL DIABASE DIKES
PORPHYRITIC DIABASE SHEETS WITH COARSE PLAGIOCLASE MEGACRYSTS
COARSE-GRAINED WEHLITE TO TROCTOLITE DIKES & SILLS
GABBRO PEGMATITE VEIN
RODINGITE VEINS
COARSE-GRAINED PYROXENITE VEINS

NOT TO SCALE
SYMBOLS INDICATE THE PRESENCE OF
ONE OR MORE DIKES, SILLS OR VEINS
IN OUTCROP