

APPENDIX II. ROCK UNIT CORRELATION & DESCRIPTION CHART  
Black Island Area, Lake Winnipeg, Manitoba.

The chart is primarily to correlate volcano-sedimentary units in the greenstone domain. Section lines (I to VI) on Map 2 are shown in the columns from left to right on the chart. The correlation is semi-chronological. The majority of rocks in the greenstone domain are thought to be earlier than, (rather than coeval with), rocks in the gabbro domain, and so do not appear on the chart. The intrusive rocks of units 44, 45 and 46, which are found typically in the gabbro domain, are thought to have been

observed within fault zones in the greenstone domain and as sedimentary clasts in the felsipathic arenite of unit 47. They have therefore been placed tentatively between units 43 and 47. Numbers, e.g. 41, designate the major rock unit groups, which are separated by solid lines. The numbers are in chronological sequence, i.e., lower numbers indicate an earlier age, except that lateral age equivalents necessarily have sequential

numbers. The units are split into further chronological sub-units labeled by upper case letters, e.g. 41h, and these are arranged with the older sub-units towards the bottom of the chart. Local sub-units are labeled with lower case Roman numerals, e.g. 41h1. Where sub-units have no chronological significance, or that significance is not known, they are designated by lower case letters, e.g. 37a, and are not arranged on the chart in any particularly significant order.

Where limits are doubtful they are shown as interrupted lines (---), with interpolation marks (?) on the side towards which the limits might be extended. A major unconformity is shown by a wavy line (~~~~~). Where there has been no equivalent deposition, or where units may be missing, the units above and below are seen to be in contact, the gap on the chart is striped (|||||). Gaps due to paucity of information are left blank.

Table with 6 columns (Ia to VI) and 1 row, detailing geological units and their descriptions across different regions: DEER ARCHIPELAGO, WESTERN SMOKY ARCHIPELAGO, SMOKY ARCHIPELAGO & NORTHERN BLACK ISLAND, WESTERN NARROWS & EASTERN BLACK ISLAND, NARROWS & SOUTHEASTERN BLACK ISLAND, GABBY ISLES & SOUTHERN BLACK ISLAND, NORTHERN ISLES, SOUTHERN ISLES, & WESTERN ISLES, and GNEISS DOMAINS.

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