INTERMEDIATE CLASS
CLAYS, ENGOBE AND GLAZES FOR CONE 2 TILEMAKING

RED TILE CLAY BODY C 1-3
50 red brick clay (denver)
25 apache red earthenware clay
15 hawthorne bond fireclay
10 talc

WHITE TILE CLAY BODY C 1-3
35 hawthorne bond fireclay
25 saggar clay
10 ball clay
10 talc
20 coarse greg (16m. or 30m. or both)

ENGOBE - BASE WHITE - CONE 1-8
25 edgar plastic kaolin (EPK)
25 ball clay
20 silica (flint)
15 nepheline syenite
5 talc
plus: 10 zircopeax

FOR COLORED ENGOBES OR GLAZES - use base white engobe or base glaze and add 10% of various glaze stains from Mason Color and Chemical or the standard percentages of colorizing oxides.

CON 1-3 GLAZES

#1 - MILKY-WHITE TRANSLUCENT (CONRAD BOOK)
42.2 custer feldspar
24.1 gerstley borate
18.0 silica (flint)
\[9.4 \text{ zinc oxide}
\[4.8 \text{ edgar plastic kaolin (EPK)}

#2 - MILKY-WHITE TRANSLUCENT (NELSON BOOK)
38.5 custer feldspar
17.5 gerstley borate
22.5 silica (flint)
\[8.2 \text{ zinc oxide}
\[6.8 \text{ barium carbonate}
\[6.5 \text{ talc}

#6 - LEAD BISILICATE CLEAR (CONRAD BOOK #749 VARIATION)
45 lead bisilicate (ceraflux)
30 gerstley borate
25 ball clay
#6c - for lead bisilicate amber clear: add 3% burnt umber to #6 base

#7 - CREAM (BLUE BOOK - C GLAZE)
60 gerstley borate
10 edgar plastic kaolin (EPK)
30 silica (flint)