MEDUSA PORTLAND CEMENT CO.

YORK QUARRY - 1ST LEVEL CHEMISTRY

G6-6H

SCALE
0
25
50
100
150
200
250
300
350
400 Feet
NORTH, approximated by Kucera on base map
NORTH, by construction from property line survey
E.C. SHALE
FOUR SECTIONS OF BASE MAP JOIN HERE

LEGEND

MEDUSA PROPERTY LINES
FENCE LINES
BROW OF QUARRY FACE
TOE OF QUARRY FACE
FAULTS — KNOWN, INFERRED, DOWNTHROWN, UPTHROWN
SURFACED ROAD
QUARRY ROAD
POWER LINE
BUILDING
EDGE OF WATER
PROPERTY CORNER MONUMENTS:
  SURVEYED
  BY CONSTRUCTION
RAILROAD
DRILL HOLES:
  1960 (Y-60-161 to 364)
  1959 (Y-59-1 to 160)
  1958 (Y-58-1 to 25)
  1954 Several series reported by Cloos, some drilled pre-1954
EDGE OF STRIPPING
GEOLOGIC CONTACTS

QUARRY FACES AS OF 7/1/64
REVISED JUNE, 1965

K. C. ROBERTS JAN. 1961
Base from Kucera & Associates Jan. 1959
Additions by:
K. N. Weaver - K. C. Roberts
1959 Z. P. Bowen - D. L. Weigel
1960 R. W. Adams
1961 K.N.W. - K.C.R.
1963 " "
1964 D.L. COLE - R.P. WEIGEL
1965 D.L. COLE - R.J. WEIGEL

DISTRIBUTION OF CHEMICAL TYPES OF STONE

- +95% TOTAL CARBONATES, -3.5% $MgCO_3$
- +84% TOTAL CARBONATES, -5.5% $MgCO_3$
- -5.5% $MgCO_3$ & 70.0-84.0% TOTAL CARBONATES
- 5.5-9.0% $MgCO_3$
- 9.0-18.0% $MgCO_3$
- +18.0% $MgCO_3$
- -70.0% TOTAL CARBONATES
- Ꞧ TRIASSIC SHALE
- Ꞓk KINZERS SHALE