MEDUSA PORTLAND CEMENT CO.

YORK QUARRY-2ND LEVEL CHEMISTRY

G6-6I-2

SCALE

0 25 50 100 150 200 250 300 350 400 Feet

LEGEND

MEDUSA PROPERTY LINES
FENCE LINES
BROW OF QUARRY FACE
TOE OF QUARRY FACE
FAULTS
NORMAL — DETACHED — CONVECTIVE — UNCERTAIN
SURFACED ROAD
QUARRY ROAD
POWER LINE
RAILROAD
EDGE OF WATER
PROPERTY CORNER MONUMENTS:
SURVEYED
BY CONSTRUCTION
BENCH MARKS
DRILL HOLES:
1960 (Y-60-16 to 36-A)
1959 (Y-59-1 to 16D)
1958 (Y-58-1 to 25)
1954 - Sawtooth series
reported by Davis, some drilled pre-1954
EDGE OF SHALE
GEOLOGIC CONTACTS

QUARRY FACES AS OF 7/1/64
HOLES NOT DRILLED ON PRESENT SURFACE i.e. DRILLED PRIOR TO STRIPPING AND/OR QUARRYING: Y-59-11, 15-34, 37, 19-20, 24, 25, 29, Y-58-12, 14-26, 27, A-31, D, L, M, B-J, B-3, 6, B-4 HAVE BEEN BURIED BY STOCK OR SPOIL PILES

POSITION OF QUARRY FACES REVISED JUNE, 1965

NOTE: Coordinates for Grid in feet, plus 100,000 to coordinates for points on map

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

DISTRIBUTION OF CHEMICAL TYPES OF STONE

- >95% TOTAL CARBONATES, <3.5% $MgCO_3$
- >84% TOTAL CARBONATES, <5.5% $MgCO_3$
- 70% to 84% TOTAL CARBONATES, <5.5% $MgCO_3$
- 5.5-9.0% $MgCO_3$
- 9.0-18.0% $MgCO_3$
- >18.0% $MgCO_3$
- <70% TOTAL CARBONATES
- TR — TRIASSIC SHALE
- E-I — KINZERS SHALE