MEDUSA PORTLAND CEMENT CO.
YORK QUARRY-3RD LEVEL CHEMISTRY
GG-61-3

SCALE

0 25 50 100 200 300 400 500 600 800 Feet

LEGEND

MEDUSA PROPERTY LINES
FENCE LINES
SHOW OF QUARRY FACE
TOE OF QUARRY FACE — EXISTING — INFERRED — DIRECTION OF FLUCTUATION
FAULTS
SURFACED ROAD
QUARRY ROAD
POWER LINE
RIVER
EDGE OF WATER
PROPERTY CORNER MONUMENTS: SURVEYED / BY CONSTRUCTION
RAILROAD
DRILL HOLES:
1959 (1-50 to 61 to 364)
1959 (1-59 to 90)
1958 (1-58 to 25)
1954 Several series reported by Olson, some drilled pre 1954
EDGE OF STRIPPING
GEOLOGIC CONTACTS

QUARRY FACES AS OF 12/9/60
HOLES NOT DRILLED ON PRESENT SURFACE IS DRILLED PRIOR TO STRIPPING AND/OR QUARRYING T-59-11-B, 15-34, 37, 19-57, 57A, 125, 129, T-58-12, NUN, 27, B31, 0-L, H, 9-J, B-3, 6, B-14 HAVE BEEN BURIED BY STOCK OR SPOIL PILES
QUARRY FACES REVISED JUNE 9-10, 1960

NORTH - BEARINGS IN QUARRY AS SHOWN
BEARING IN CONTINUOUS LINES ARE PARALLEL OR NEARLY

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

DISTRIBUTION OF CHEMICAL TYPES OF STONE

- >95% TOTAL CARBONATES (<35% $MgCO_3$)
- >84% TOTAL CARBONATES (<55% $MgCO_3$)
- 70 TO 84% TOTAL CARBONATES (55% $MgCO_3$)
- 55-90% $MgCO_3$
- 90-180% $MgCO_3$
- >180% $MgCO_3$
- <70% TOTAL CARBONATES
- Tr TRIASSIC SHALE
- Ek KINZERS SHALE

C-1 C-2 C-3 C-4 C-5 C-6 C-7 C-8 C-9 C-10 C-11 C-12 C-13 C-14 C-15 C-16 to 19

1st Level Primary face 3rd Level Joint overlying Dike/limestone rock