MEDUSA PORTLAND CEMENT CO.

YORK QUARRY-3RD LEVEL CHEMISTRY

G6-61-3

SCALE

0 25 50 100 150 200 250 300 350 400 Feet

LEGEND

MEDUSA PROPERTY LINES
FENCE LINES
TOE OF QUARRY FACE
TOP OF QUARRY FACE
FAULTS — KNOWN — INFERRED — CONNECTIONS UNKNOWN
SURFACED ROAD
DIRT ROAD
POWER LINE
BUILDING
EDGE OF WATER
PROPERTY CORNER MONUMENTS
BY SURVEY — A
BY CONSTRUCTION — B
RAILROAD
DRILL HOLES
1962 (Y-60-61 to 364)
1959 (Y-58-1 to 24)
1958 (Y-58-1 to 25)
1954 Several series
reported by Clara, some drilled pre-1954
EDGE OF STRIPPING
GEOLOGIC CONTACTS

QUARRY FACES AS OF 12/9/60
HOLES NOT DRILLED ON PRESENT SURFACE i.e. DRILLED PRIOR TO STRIPPING AND/OR QUARRYING: Y-59-1115, B-34, 37, 119-121, 124, 125, 129, Y-58-12, M-26, 27, B.31, O.L.-N, B-J, P-3, 5, 8, H HAVE BEEN BURIED BY STOCK OR SPOIL PILES
QUARRY FACES REVISED JUNE 9-10, 1965

NOTE: Intersections of faults in Sec. Line
NOTE: All intersections of faults are surveyed

K. C. ROBERTS JAN 1961
Done from Kucera & Associates Jan. 1959
Added Faults 1960
A.H. Weiser - K. C. Roberts
1959 Z. R. Bowen - D. L. Weigel
1960 R. W. Adams
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% $MgCO_3$
- 70 TO 84% TOTAL CARBONATES <5.0% $MgCO_3$
- 5.5-10.0% $MgCO_3$
- 10.0-18.0% $MgCO_3$
- >18.0% $MgCO_3$
- <70% TOTAL CARBONATES
- TRIASSIC SHALE
- KINZERS SHALE