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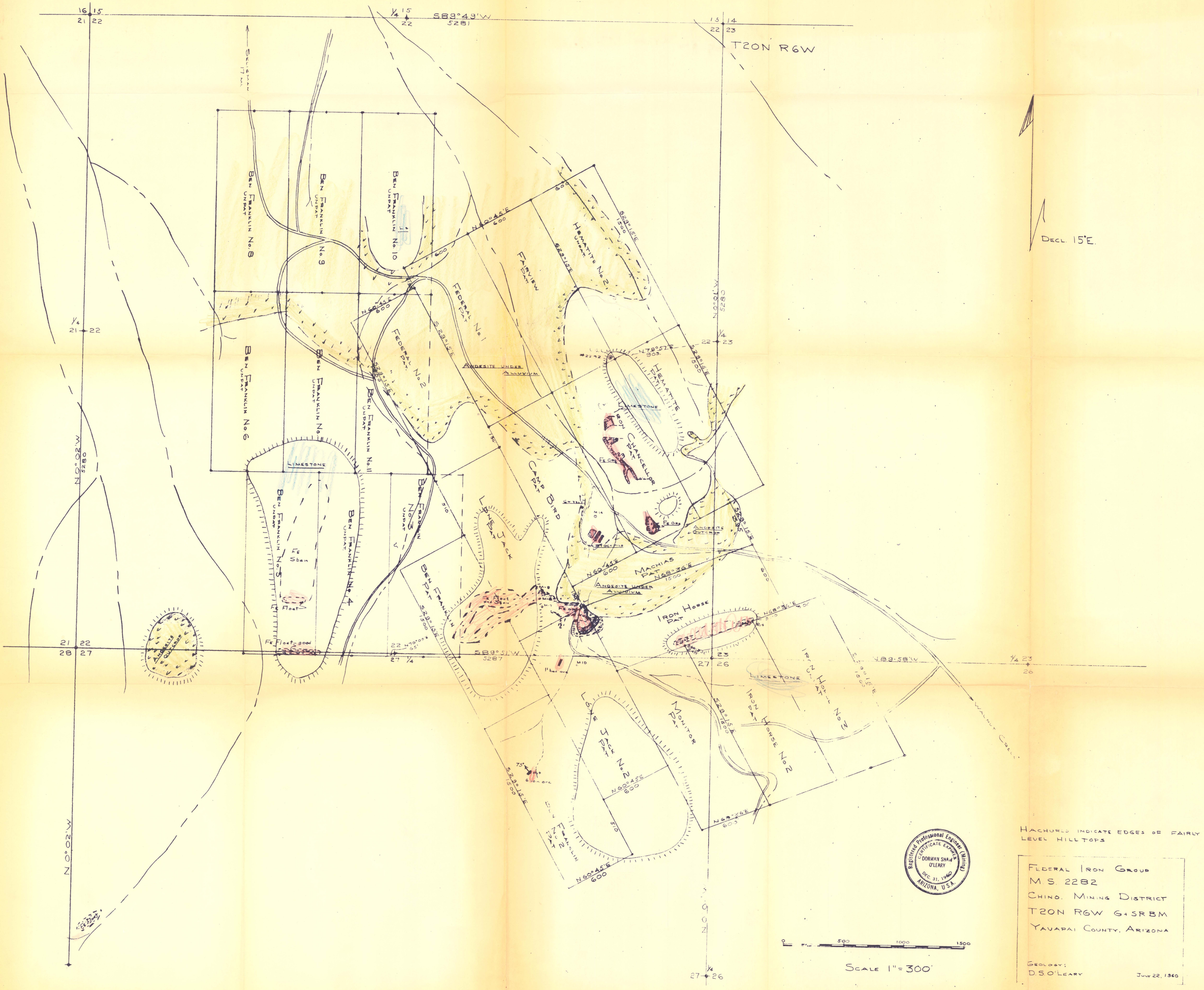


Registered Professional Engineer (Mining)
Certificate Expires
Dorman Shaw O'Leary
Dec. 31, 1960
Arizona, U.S.A.

Hachures indicate edges of fairly level hill tops

Federal Iron Group
M.S. 2282
Chino. Mining District
T20N R6W G+SRBM
Yavapai County, Arizona

Geology:
D.S. O'Leary

July 22, 1960

Selkman - 17 miles

Andesite under Alluvium

Camp Bird Pat.

Limestone

N29°45'W 1500

Lone Jack Pat.

Fe Float on Surface

Limestone

Stockpile

525 LT

650 LT

550 LT

4" Grizzly 90 ft rails at 8%

N-1A
5582
Qual 5582-5567
Ls 5567-5482

Limestone

Fe Float

Andesite

Limestone

Andesite Outcrop

Decl-15°E.

Hematite Pat.

Iron Horse Pat.

Limestone

Fe Float

Machias Pat.

Andesite under Alluvium

N60°45'E

N68°36'E 1500

Monitor Pat.

Section Line

Ron Chancellor Road

Lone Jack No 2

Pay Boundary

Stone Mon

5582 - 55'E 248

22 27 23 26

Legend
2'- Wagon Drill Hole
"M-6"- Rotary Drill Hole
"5610"- Elevation - M.S.L.
DD2- Diamond Drill Hole

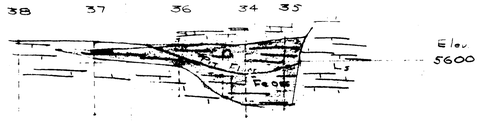
Registered Professional Engineer (Mining)
Dorman Shaw O'Leary
Certificate Expires Dec. 31, 1960
Arizona, U.S.A.

0 50 100 150 200

Scale 1" = 50'

Portion of Federal Iron Group - M.S. 2282
T 20 N R 6 W. G+SR.B.M
Yavapai County, Arizona

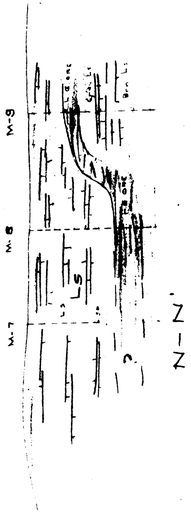
Transit, Tape and Stadia
D.S. O'Leary July 17, 1960

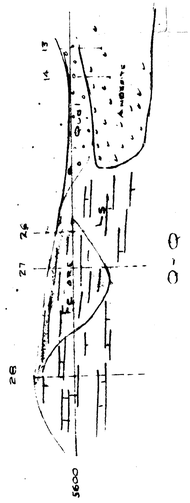


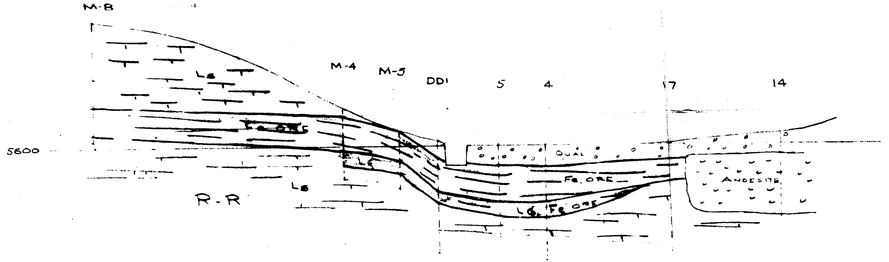
SECTION F-F'- IRON CHANCELLOR
LOOKING N66°E

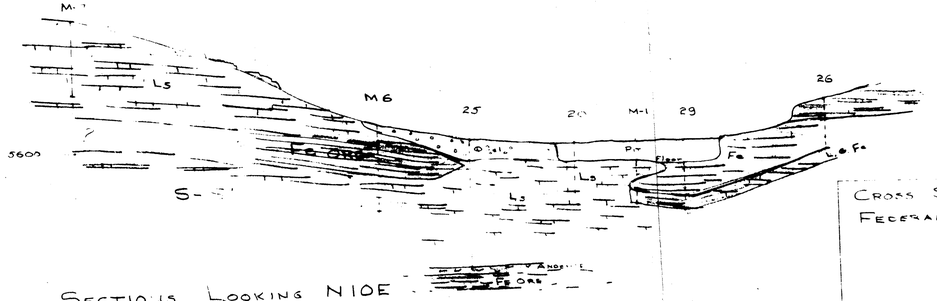
SCALE 1"=50'

SECTIONS LOOKING N80W
1"=50'









SECTIONS LOOKING N10E
LONE JACK, LONE JACK NO. 2, AND MONITOR

1"=50

Registered Professional Engineer (Mining)
CERTIFICATE EXPIRES
DECEMBER 31, 1960
L. S. O'LEARY
PHOENIX, U.S.A.

CROSS SECTIONS I
FEDERAL IRON GROUP

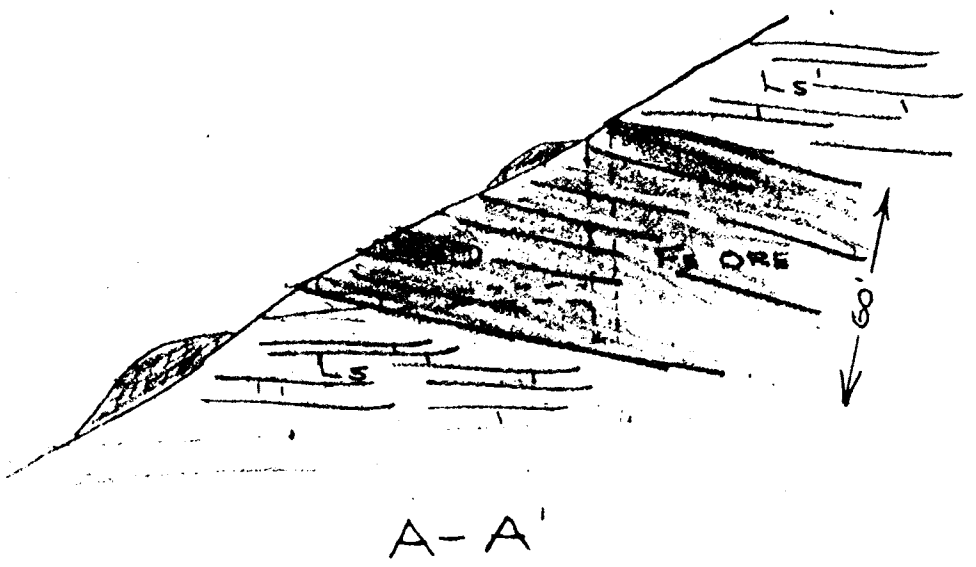
L S O'LEARY 7-17-60

Registered Professional Engineer (Mining)
CERTIFICATE EXPIRES
DORMAN SHAW O'LEARY
DEC. 31, 1960
ARIZONA, U.S.A.

SECTIONS - IRON CHANCELLOR - II

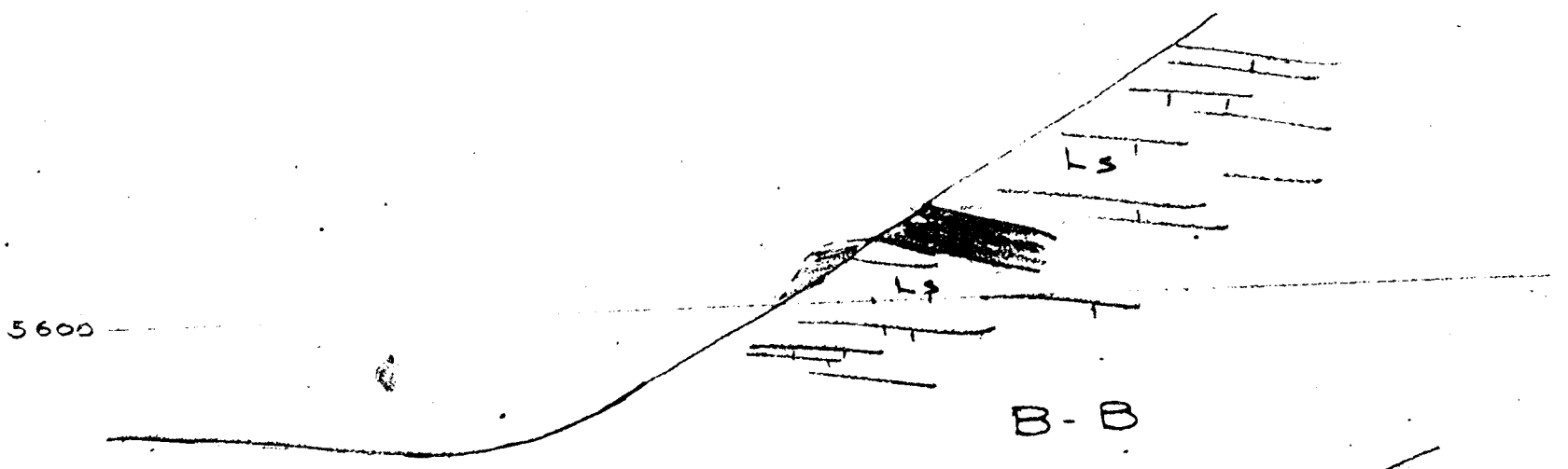
LOOKING N30°W.

D.S. O'LEARY
7-17-60



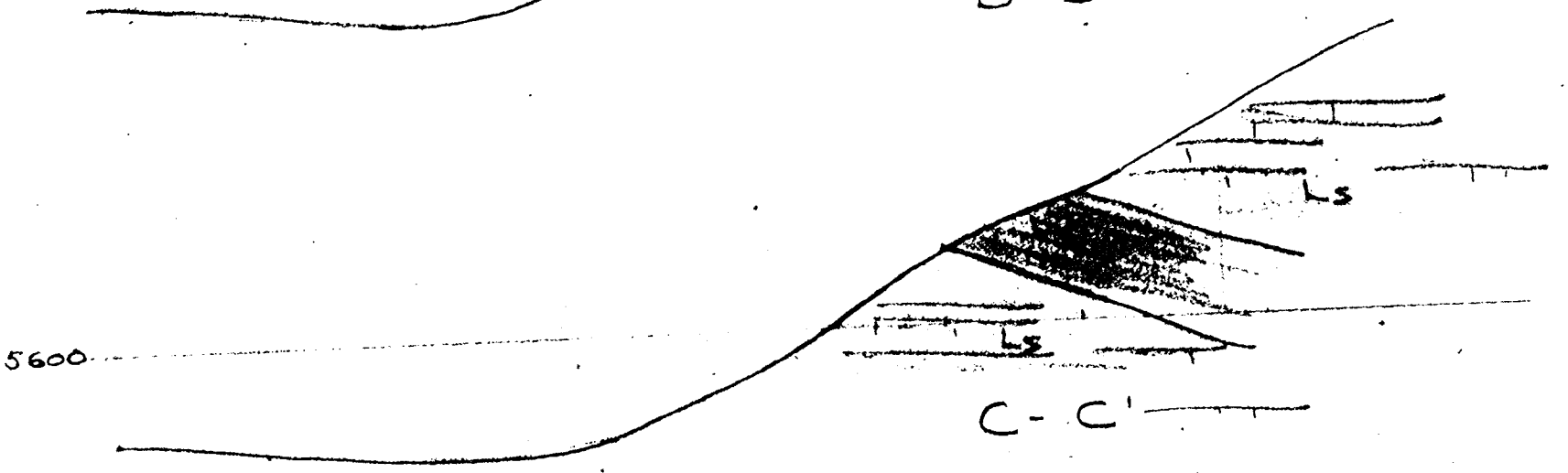
A-A'

5600



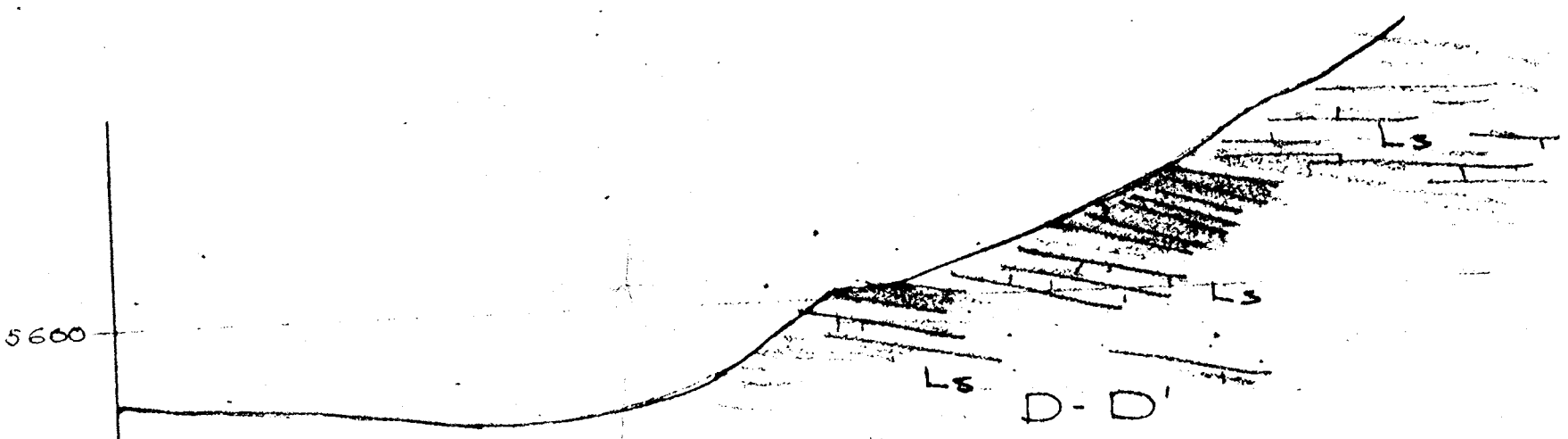
5600

B-B



5600

C-C'



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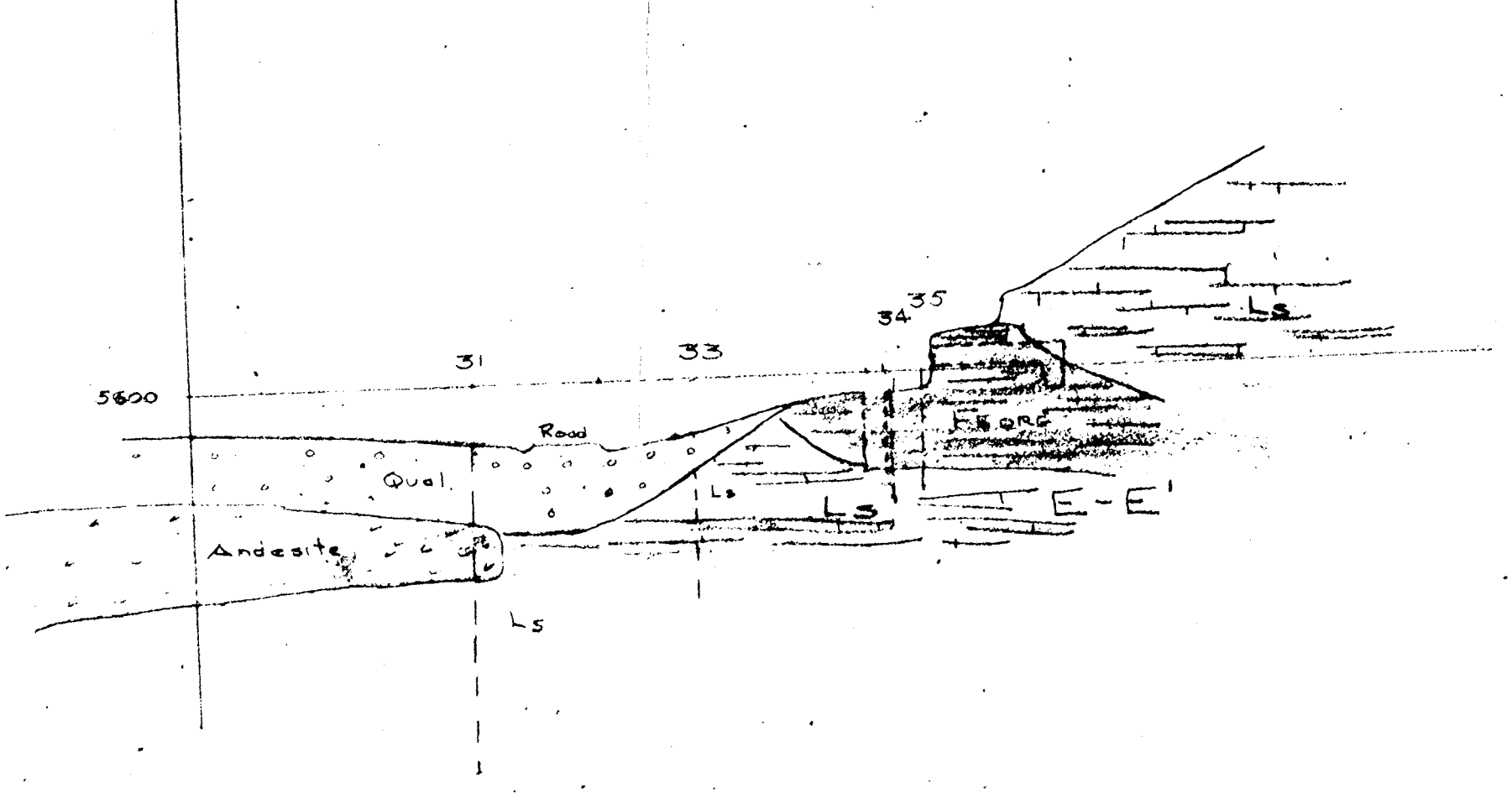
D-D'